

## 4 - MITIGATION STRATEGY

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

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

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

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## 4.1 GOALS

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

The planning effort is an update to Greene County's existing hazard mitigation plan approved by FEMA on July 6<sup>th</sup>, 2015. Therefore, the goals from the 2015-2020 Greene County Multi-Jurisdictional Hazard Mitigation Plan were reviewed to see if they were still valid, feasible, practical, and applicable to the defined hazard impacts. The MPC conducted a discussion session during individual meetings to review and update the plan goals. To ensure that the goals developed for this update were comprehensive and supported State goals, the 2018 State Hazard Mitigation Plan goals were reviewed and used as a resource.

Many of our jurisdictions carried goals from the previous plan into the update. Many of the jurisdictions have goals that they still want to accomplish, but will not be able to fund the project without assistance from the grant. Other projects were taken out because they had projects that were not eligible projects or they were not feasible for the jurisdiction.

Goal Number	Jurisdiction	Goal
<b>Greene County</b>		
1	Greene County	To enhance flood prevention by improving flood buyout programs and purchasing more properties located within unincorporated Greene County.
2	Greene County	To enhance protection provided for the inmates and staff members of the Greene County Jail during severe weather and non-weather related emergencies.
3	Greene County	To provide the county with more sirens that have added support systems to help notify citizens when severe weather is present in the area.
4	Greene County	To provide the Greene County citizens and staff with adequate shelter to use during severe storms and tornadoes.
5	Greene County	To protect the lives of the citizens in Greene County during flooding events by creating flood warning systems.
6	Greene County	To provide the public with various education opportunities to learn more about Mitigation and other mission areas of Emergency Management.
7	Greene County	To provide more protection against cyber-crimes and incidents.
8	Greene County	To provide all critical facilities in Greene County with appropriate generators that provide a backup power source in emergencies.
9	Greene County	To provide a large, centrally located multi-purpose shelter for the residents of Greene County.
<b>City of Ash Grove</b>		
1	City of Ash Grove	Reduce the City of Ash Grove's vulnerability to tornadoes/Severe thunderstorms, and other disasters.
2	City of Ash Grove	To protect the lives of Ash Grove citizens from all hazards that may affect the area.
3	City of Ash Grove	Reduce the City of Ash Grove's vulnerability to disasters by 50% over the next 5 years.
4	City of Ash Grove	Reduce the City of Ash Grove's Vulnerability of Human-Caused Hazards and disasters by 50% over the next 5 years.
5	City of Ash Grove	Enhance and strengthen emergency services preparedness and response by the development and linking emergency services with hazard mitigation programs.
6	City of Ash Grove	Reduce the potential damage caused by flooding likely to strike the local area by 50%.
7	City of Ash Grove	Reduce the City of Ash Grove's vulnerability to extreme heat by 50% over the next 1-3 Years.
8	City of Ash Grove	Reduce the City of Ash Grove's vulnerability to disasters by 50% over the next 5 years.
9	City of Ash Grove	To protect travel through Ash Grove.
<b>City of Battlefield</b>		
1	City of Battlefield	To increase the ability of city staff to maintain communication during City, County or

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		Regional emergency situations.
2	City of Battlefield	To improve storm-warning systems to increase covered area.
3	City of Battlefield	To protect the lives of the Battlefield citizens during severe weather.
4	City of Battlefield	To enhance stormwater management by improving flood control programs.
<b>City of Republic</b>		
1	City of Republic	To protect the lives of the people who travel through Republic.
2	City of Republic	To protect the lives of walking pedestrians in Republic.
3	City of Republic	To limit the loss of property and injury due to flooding across the Republic area.
4	City of Republic	To protect the lives of citizens traveling through the City of Republic when there is severe flooding in the area.
5	City of Republic	To enhance the public safety and health of the citizens in Republic.
6	City of Republic	To protect sensitive data against attacks or other cyber incidents.
<b>City of Springfield</b>		
1	City of Springfield	To reduce flooding of streets, businesses, and private property to improve safety and quality of life for citizens.
2	City of Springfield	To reduce flooding of homes and businesses to improve safety and quality of life for citizens.
3	City of Springfield	To protect the lives of staff members and shelters animals at the Springfield-Greene County Animal Shelter.
4	City of Springfield	To enhance the capability of providing the community with a large shelter that could be used during any disaster.
5	City of Springfield	To protect the lives of the Parks Department staff and visitors/citizens of the Springfield-Greene County Parks.
<b>City of Strafford</b>		
1	City of Strafford	
<b>City of Walnut Grove</b>		
1	City of Walnut Grove	To protect the lives of the citizens of the City of Walnut Grove.
2	City of Walnut Grove	To enhance the building stability of the Municipal complex.
3	City of Walnut Grove	To improve the response efforts of the Public Works Department during tornado and high wind events.
<b>City of Willard</b>		
1	City of Willard	To maintain the Willard Storm Sirens and purchase more sirens for the community.
2	City of Willard	To create and develop flood control programs for the City of Willard.
3	City of Willard	To reduce the City of Willard's vulnerability to extreme heat by 50% over the next year.
4	City of Willard	To reduce the potential damage caused by flooding likely to strike the local area by 50%.
5	City of Willard	To reduce the City of Willard's vulnerability to tornados/severe thunderstorms by 50% over the next 5 years.
6	City of Willard	To reduce the City's of Willard's vulnerability to tornadoes/severe thunderstorms by 50% over the next 5 years.
<b>Ash Grove Fire Protection District</b>		
1	Ash Grove Fire Protection District	Reduce the Ash Grove Fire Protection District's vulnerability to disasters by 50% over the next 5 years.
2	Ash Grove Fire Protection District	Reduce the Ash Grove Fire Protection District's vulnerability to disaster by 50% over the next 5 years.
3	Ash Grove Fire Protection District	To save the lives of responders and citizens and ensure emergency services and EOC can safely be maintained.
4	Ash Grove Fire Protection District	Reduce the Ash Grove Fire Protection District's vulnerability to disasters by 50% over the next 5 years.
<b>Battlefield Fire Protection District</b>		
1	Battlefield Fire Protection	To provide a more modern and useful apparatus for the District.

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	District	
2	Battlefield Fire Protection District	To better serve the patrons of the district with quicker response times for emergency calls, and to maintain better district resources.
<b>Ebenezer Fire Protection District</b>		
1	Ebenezer Fire Protection District	To limit the time spent during an outage and therefore ensure enhances response to emergencies.
2	Ebenezer Fire Protection District	To limit loss of life and injury to swift water and flood emergencies.
3	Ebenezer Fire Protection District	To enhance storm warning systems in Northern Greene County.
4	Ebenezer Fire Protection District	To protect the lives of the Ebenezer Fire Protection District and the citizens they serve during sever weather and tornados.
5	Ebenezer Fire Protection District	To enhance emergency response by accessing appropriate equipment faster, also to protect the lives of the Ebenezer Fire Protection District and the residents they serve by providing appropriate shelter.
6	Ebenezer Fire Protection District	To enhance the Ebenezer Fire Protection District equipment housing needs.
<b>Fair Grove Fire Protection</b>		
1	Fair Grove Fire Protection District	To enhance the Fair Grove Fire Protection Districts fire suppression.
<b>Logan-Rogersville Fire Protection District</b>		
1	Logan-Rogersville Fire Protection District	To keep the fire stations operational during times of severe weather and power outages.
2	Logan-Rogersville Fire Protection District	To help protect the citizens in the Logan-Rogersville Fire Protection District during tornados and other severe weather.
3	Logan-Rogersville Fire Protection District	To protect the lives of the Logan-Rogersville Fire Protection District fire fighters and staff during severe weather and tornados.
4	Logan-Rogersville Fire Protection District	To enhance training for the staff of the Logan-Rogersville Fire Protection District.
<b>Strafford Fire Protection District</b>		
1	Strafford Fire Protection District	To keep the fire stations operational during times of severe weather and power outages.
<b>Walnut Grove Fire Protection District</b>		
1	Walnut Grove Fire Protection District	To ensure the continued protection of the public by limiting the loss of normal operations.
<b>Willard Fire Protection District</b>		
1	Willard Fire Protection District	To enhance emergency response by replacing the aging districts fleet.
2	Willard Fire Protection District	To continue rapid response by providing the district with new SCBS's district wide.
3	Willard Fire	To enhance communications within the Willard Fire Protection District.

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	Protection District	
4	Willard Fire Protection District	To protect and limit loss thru decreased response times.
5	Willard Fire Protection District	To protect and limit loss of life and injury thru decreased response times.
<b>Ash Grove Public School District</b>		
1	Ash Grove Public School District	To provide safety and security for the students, facility and/or citizens of the Ash Grove community.
<b>Fair Grove Public School District</b>		
1	Fair Grove Public School District	To enhance safety of the school district buildings.
<b>Republic Public School District</b>		
1	Republic Public School District	To limit the loss of life and injury to students and staff of the district during a tornado or straight line wind event.
2	Republic Public School District	To limit the loss of life and injury to students and staff of the district during a tornado or straight line wind event.
<b>Springfield Public School District</b>		
1	Springfield Public School District	To protect the lives of the Springfield Public School students and faculty during severe weather and tornado events.
2	Springfield Public School District	To enhance communications, response and transportation for the district.
3	Springfield Public Schools	To enhance response of facility during weather related events.
4	Springfield Public Schools	To prepare the students and staff members of the Springfield Public School District for all hazards.
5	Springfield Public Schools	To prevent flooding related injuries and damages to Jaret Middle School.
6	Springfield Public Schools	To prevent cybercrimes and other cyber issues in the Springfield Public School District.
<b>Stafford Public School District</b>		
1	Stafford Public School District	To limit the loss of life and injury to students and staff of the district during a tornado or severe storm incident.
<b>Walnut Grove Public School District</b>		
1	Walnut Grove Public School District	To protect the student and staff during school hours by updating and adding security feature to the school district buildings.
2	Walnut Grove Public School District	To protect the students and staff during severe weather by providing a FEMA Safe Room.
<b>Willard Public School District</b>		
1	Willard Public School District	To provide shelter for the Willard School District Students and faculty during severe storms and tornado events.
<b>Missouri State University</b>		
1	Missouri State University	To improve Missouri State University's in-building emergency notification system.
2	Missouri State University	To improve Missouri State University's outside Emergency Notification System.
3	Missouri State University	To develop and strengthen the Emergency Plans for Missouri State University.
4	Missouri State University	To develop training opportunities at Missouri State University.
5	Missouri State	To test Missouri State University's emergency plans to ensure competencies and identify

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	University	gaps.
6	Missouri State University	To identify and establish an Emergency Operation Center on the MSU Campus.
7	Missouri State University	To protect the lives of the Missouri State University Students and staff.
<b>Ozark Technical Community College</b>		
1	Ozark Technical Community College	To provide backup power to the new Republic Campus when any hazard causes a power-outage.
2	Ozark Technical Community College	To create a space for advancement manufacturing.

### 4.2 IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

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

Some specific sources for mitigation actions ideas include the following:

- FEMA's Mitigation Action Ideas Publication
- 2015-2020 Greene County Multi-Jurisdictional Hazard Mitigation Plan
- SEMA Mitigation-Eligible Activities Worksheet

During individual meetings, risk assessment updates were discussed and key issues were identified for specific hazards. Changes in risk since adoption of the previously approved plan were discussed. There weren't many changes to the risks from the previously approved plan. Actions from the previous plan included completed actions, on-going actions, and actions upon which progress had not been made. The Mitigation Planning Committee (MPC) discussed SEMA's identified funding priorities and the types of mitigations actions generally recognized by FEMA.

The focus in the second individual meetings was to update the mitigation strategy. For a comprehensive range of mitigation actions to consider, the MPC reviewed the following information during the second individual meetings:

- A list of actions proposed in the previous mitigation plan and the State plan.
- Key issues from the risk assessments
- State priorities established for HMA grants
- Public input/data collection questionnaires

All members of the MPC were provided a link to the FEMA's publication, Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards. This document was developed by FEMA as a resource for identification of a range of potential mitigation actions for reducing risk to natural hazards and disasters.

The MPC reviewed the actions from the previously approved plan. Previous goals and actions were provided to the MPC during the kick-off meeting and also over email and individual meetings. Progress from previous goals and actions is requested quarterly from the Senior Planner and Springfield-Greene County Office of Emergency Management.

The table below provides a summary of the action statuses for each jurisdiction:

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### Action Status Summary

JURISDICTION	COMPLETED ACTIONS	CONTINUING ACTIONS (ONGOING OR MODIFY)	DELETED ACTIONS
Ash Grove	0	3	1
Battlefield	0	3	0
Fair Grove	2	1	0
Republic	0	6	4
Strafford	0	2	0
Springfield	5	15	0
Walnut Grove	0	10	2
Willard	0	5	0
Ash Grove School District	0	1	0
Fair Grove School District	2	2	1
Republic School District	1	1	0
Springfield School District	1	1	0
Strafford School District	1	3	0
Walnut Grove School District	0	2	0
Willard School District	4	5	0
Ash Grove Fire Protection District	0	2	0
Battlefield Fire Protection District	2	2	0
Ebenezer Fire Protection District	0	0	0
Fair Grove Fire Protection District	0	2	0
Logan-Rogersville Fire Protection District	0	2	0
Strafford Fire Protection District	0	0	0
Walnut Grove Fire Protection District	0	1	0
Willard Fire Protection District	0	4	0
Missouri State University	4	2	0
Ozark Technical Community College	1	0	0

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### Summary of Completed and Deleted Actions from the Previous Plan

COMPLETED ACTIONS	COMPLETION DETAILS (DATE, AMOUNT, FUNDING SOURCE)
Fair Grove developed plan of action to update and improve warning capabilities	Completed 2018
Fair Grove purchased radios	Purchased through grant in 2018
City of Springfield obtained more data to add to future mitigation plans.	Completed 2016
City of Springfield Complied PSAs to media outlets	Completed 2016
Springfield Completed revising the mitigation plan	Completed 2017
Springfield and GCOEM put mitigation plan on website	Completed 2017
City of Springfield strengthened emergency services and preparedness	Completed 2016
Springfield Complied list of mitigation capital improvements	Completed 2016
Fair Grove School District Enhancing Technology and Emergency Planning	May 2018 purchased radios with a grant.
Fair Grove School District Training for staff	Worked with local first responders for different education opportunities.
Republic School District Traffic	Round a-bout was completed in summer 2019.
Springfield School District Safe Room	Kickapoo safe room was completed with HMGP funding.
Strafford Schools Vehicle	Received vehicle from City of Strafford
Willard Schools Emergency response Manual	Unknown
Willard Schools modifying emergency action plans	Unknown
Willard Schools information to teachers during faculty meetings	Unknown
Willard Schools reviewing science curriculum to understand environment and ecosystems.	Unknown
Battlefield Fire District purchased a new apparatus	New truck purchased 2019
Battlefield Station new station	New Station completed 2018
Missouri State University radio communications	Completed
Missouri State EOP	Completed 2017
Missouri State Table Top Exercise	Completed 2018
Missouri State Hire Emergency Management	Hired 2017
Ozark Tech. Community College cultivate a safe community	Completed 2018
DELETED ACTIONS	REASON FOR DELETION
Fair Grove School District-Delivering supplies	No longer a need for the district.
Walnut Grove natural gas	No longer a need for the city
Walnut Grove public works	No longer a need for the city.
Ash Grove develop guidelines for management for human caused events.	No longer needing this action.
Republic modify structures within city limits	No longer a need for the city.
Republic sheltering program	No longer a need for the city.
Republic Storm Siren	No longer a need for the city.
Republic Safe Room	No longer a need for the city.

For actions that have not been completed, it is required to do one of two things: (1) describe whether the action is no longer relevant; or (2) include the incomplete action as part of the updated action plan.



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### 4.3 IMPLEMENTATION OF MITIGATION ACTIONS

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

Jurisdictional Mitigation Planning Committee (MPC) members were encouraged to meet with others in their community or districts to finalize the actions to be submitted for the updated mitigations strategy. Throughout the MPC consideration and discussion process, emphasis was placed on the importance of a benefit-cost analysis in determining project priority. The MPC decided to pursue implementation according to when and where damage occurs, available funding, political will, jurisdictional priority, and priorities identified in the 2018 Missouri State Hazard Mitigation Plan. The benefit/cost review at the planning stage primarily consisted of a qualitative analysis and was not the detailed process required for the grant funding application. For each action, the plan sets forth a narrative describing the types of benefits that could be realized from the action implementation. The cost was estimated as closely as possible, with further refinement to be supplied as project development occurs.

#### Calculated Priority Risk Index (CPRI)

The CPRI formula was used in the 2020-2025 Greene County Multi-Jurisdictional Hazard Mitigation Plan. The CPRI formula was used for prioritization purposes for the hazard profiles. This method uses probability, magnitude/severity, warning time, and duration of a hazard to effectively rate and then prioritize each hazard. The formula is stated below.

$$(\text{Probability} \times 0.45) + (\text{Magnitude/Severity} \times 0.30) + (\text{Warning Time} \times 0.15) + (\text{Duration} \times 0.10)$$

Detailed profiles for Calculated Priority Risk for the 2020-2025 Greene County Multi-Jurisdictional Hazard Mitigation Plan is located in Appendix B.

#### Cost and Benefit

Each participating jurisdiction considered cost and benefit when creating the projects. Most jurisdictions picked projects that the cost was reasonable for the jurisdiction, but most importantly they focused on the benefit of the action. The benefits of each project all outweigh the cost. Most of the projects selected involve protecting life and property which is why a lot of the jurisdictions wanted to participate in the Mitigation Plan.

#### ACTION WORKSHEET

Each participating jurisdiction was provided with an action worksheet to help map out their goals and actions for the updated plan. The goals and actions had to be consistent with the hazards identified in the plan. The chart below demonstrates the chart that was provided to the jurisdictions to fill out.

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Action Worksheet	
Name of Jurisdiction:	
Risk / Vulnerability	
Hazard(s) Addressed:	List the hazard or hazards that will be addressed by this action
Problem being Mitigated:	Provide a brief description of the problem that the action will address. Utilize the problem statement developed in the risk assessment.
Action or Project	
Applicable Goal Statement:	Choose the goal statement that applies to this action
Action/Project Number:	Insert a unique action number for this action for future tracking purposes. This can be a combination of the jurisdiction name, followed by the goal number and action number (i.e. Joplin1.1)
Name of Action or Project:	
Mitigation Category:	Prevention; Structure and Infrastructure Projects; Natural Systems Protection; Education and Outreach; Emergency Services
Action or Project Description:	Describe the action or project.
Estimated Cost:	Provide an estimate of the cost to implement this action. This can be accomplished with a range of estimated costs.
Benefits:	Provide a narrative describing the losses that will be avoided by implementing this action. If dollar amounts of avoided losses are known, include them as well.
Plan for Implementation	
Responsible Organization/Department:	Which organization will be responsible for tracking this action? Be specific to include the specific department or position within a department.
Supporting Organization/Department:	Which organization/department will assist in implementation of this action?
Action/Project Priority:	Include the STAPLEE score and Priority (H, M, L)
Timeline for Completion:	How many months/years to complete.
Potential Fund Sources:	List specific funding sources that may be used to pay for the implementation of the action.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status:	Indicate status as New, Continuing Not Started, or Continuing in Progress)
Report of Progress:	For Continuing actions only, indicate the report on progress. If the action is not started, indicate any barriers encountered to initiate the action. If the action is in progress, indicate the activity that has occurred to date.

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### 4.4 Participating Jurisdictions Projects and Goals

The following section will list the participating Jurisdictions Projects and Goals starting with Greene County, followed by the municipalities, fire protection districts, public school districts and universities. The jurisdictions will be organized in alphabetical order. There were many jurisdictions that participated but did not provide projects or goals for the jurisdiction. They were informed that if they wanted to add a project or goal later, it would have to be approved through SEMA.

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### GREENE COUNTY

**Goal:** To enhance flood prevention by improving flood buyout programs and purchasing more properties located within Unincorporated Green County.

**Action:** Continue to purchase properties located within Unincorporated Greene County. See page below for already purchased properties.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	There are many properties located in Unincorporated Greene County that need to be purchased from their owners.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 1
<b>Name of Action or Project:</b>	High
<b>Mitigation Category:</b>	Prevention; Infrastructure Projects
<b>Estimated Cost:</b>	Cost varies per property,
<b>Benefits:</b>	Prevention of property damage, prevent loss of life and injury due to flooding
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Greene County- Engineering
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Local Funds, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuous
<b>Report of Progress:</b>	See list below of properties that have been purchased

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### Greene County Stormwater Buyouts and Total Price

- 535 E. Buena Vista- \$123,139.41
- 545 E. Buena Vista-\$85,884.68
- 605 E. Buena Vista-\$142,413.64
- 606 E. Camino- \$81,273.00
- 611 E. Camino- \$20,918.00
- 612 E. Camino- \$126,868.00
- 645 E. Cardinal- \$142,773.00
- 4441 S. Holland- \$134,901.81
- 4450 S. Holland- \$334,995.00
- 4455 S. Holland- \$124,155.50
- 4465 S. Holland- \$141,806.48
- 634 E. Cardinal- \$118,409.00
- 635 E. Cardinal- \$113,632.65
- 3466 W. Spurling Dr.- \$12,285.00
- 3458 W. Spurling Dr.- \$16,627.50
- 3454 W. Spurling Dr.- \$16,456.56
- 3441 W. Spurling Dr.- \$3,942.30
- 2626 W. Allen Dr.- \$123,260.58
- 4650 S. Jewell Ave.- \$427,794.34
- 4639 S. Jewell Ave.- \$166,187.55
- 4708 S. Jewell Ave.- \$122,079.71
- 2609 W. Allen Dr.- \$131,122.21
- 2619 W. Allen Dr.- \$128,138.79
- 4718 S. Jewell Ave.- \$135,064.16
- 4640 S. Jewell Ave.- \$399,176.77
- 4649 S. Jewell Ave.- \$121,297.24
- 4709 S. Jewell Ave.- \$119,186.31
- 4719 S. Jewell Ave.- \$134,809.73
- 4729 S. Jewell Ave.- \$116,599.08
- 4739 S. Jewell Ave.- \$133,651.85
- 8117 E. Diamond Lane.- \$155,098.12
- 4628 S. Deborah \$131,008.29
- 2535 W. Sexton- \$131,021.42
- 4563 E. Farm Road 148- \$30,100.00
- 754 W. Farm Road 178- \$263,515.58
- 4176 S. Farm Road 223- \$185,879.00
- 4450 E. Farm Road 144- \$57,288.80
- 4481 S. Farm Road 193- \$296,483.80
- 2530 W. Vincent- \$137,491.60
- 9574 W Farm Road 84- \$153,400.00
- 751 W Farm Road 36- \$154,425.00
- 2285 N. Farm Road 105- \$83,188.64

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### GREENE COUNTY

**Goal:** To enhance protection provided for the inmates and staff members of the Greene County Jail during severe weather and non-weather related emergencies.

**Action:** Add two 1,000 Mega Watt Generators to the Greene County Jail that is being built.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Severe Winter Weather, Non-Weather Related Incidents
<b>Problem being Mitigated:</b>	Power loss to critical systems within the Greene County Jail that keeps officers, staff and inmates safe.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 2
<b>Name of Action or Project:</b>	Greene County Jail Generators
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$1,000,000
<b>Benefits:</b>	Supplying electricity to 1,300 inmates, 200 jail staff members, administrative staff, detectives, medical staff, kitchen staff and other critical employees during power outages. Ensuring safety and security of all officers and staff by keeping critical cameras and systems functioning properly during severe weather or other non-weather related incidents.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Greene County-Sheriff's Office
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2 Years
<b>Potential Fund Sources:</b>	General Revenue Sales Tax
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

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### GREENE COUNTY

**Goal:** To provide the county with more sirens that have added support systems to help notify citizens when severe weather is present in the area.

**Action:** Purchase and place sirens in the areas for the county that are not in the current coverage and update all sirens with support systems.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado
<b>Problem being Mitigated:</b>	Greene County currently has areas of the county that are lacking storm sirens that are used to notify the public when a tornado warning is in effect. The county sirens are also lacking support systems that make the sirens more efficient.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 3
<b>Name of Action or Project:</b>	Greene County Sirens
<b>Mitigation Category:</b>	Prevention; Emergency Services
<b>Estimated Cost:</b>	\$20,000-\$100,000
<b>Benefits:</b>	Citizens are alerted quicker when tornados are present, prevention of injury or loss of life of citizens
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Various Greene County Departments
<b>Supporting Organization/Department:</b>	Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Department Budgets, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching potential locations

## 4 - MITIGATION STRATEGY

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### GREENE COUNTY

**Goal:** To provide the Greene County citizens and staff with adequate shelter to use during severe storms and tornadoes.

**Action:** Build shelters across the county to provide appropriate shelter for the citizens and staff of Greene County during tornadoes.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado, Severe Storms
<b>Problem being Mitigated:</b>	There are many locations in Greene County that are in need of adequate shelter for people to use during severe storms.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 4
<b>Name of Action or Project:</b>	Greene County Shelters
<b>Mitigation Category:</b>	Prevention; Infrastructure and structure projects
<b>Estimated Cost:</b>	Cost varies per shelter due to size requirements; \$1-\$5 Million
<b>Benefits:</b>	Protect the lives of the citizens of Greene County and the staff who work for the county.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Various Greene County Departments
<b>Supporting Organization/Department:</b>	Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-5 Years
<b>Potential Fund Sources:</b>	Department Budgets, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research



## 4 - MITIGATION STRATEGY

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### GREENE COUNTY

**Goal:** To protect the lives of the citizens in Greene County during flooding events by creating flood warning systems.

**Action:** Create flood warning systems for flood prone roads using various methods including railroad crossing signs.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	There are many roads and areas across the county that are dangerous during flash flooding and other flooding events.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 5
<b>Name of Action or Project:</b>	Greene County Flood Warning Systems
<b>Mitigation Category:</b>	Prevention;
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Bring awareness to dangerous roads and areas that flood frequently in the county, prevention of injury and possibly death, less water rescues from local fire protection districts
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Various Greene County Departments
<b>Supporting Organization/Department:</b>	Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Department Budget, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuous
<b>Report of Progress:</b>	Waiting on Funding

## 4 - MITIGATION STRATEGY

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### GREENE COUNTY

**Goal:** To provide the public with various education opportunities to learn more about Mitigation and other mission areas of Emergency Management.

**Action 1:** Update the Springfield-Greene County Office of Emergency Management's Website to include the newest version of the Hazard Mitigation Plan.

**Action 2:** Create brochures to pass out during OEM events regarding Mitigation information.

**Action 3:** Update and rollout Hometown Ready

**Action 4:** Update Storm Spotter Class

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Public education is a growing need for our community. Interest in Emergency Management from the citizens is growing.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 6
<b>Name of Action or Project:</b>	Emergency Management Education
<b>Mitigation Category:</b>	Public Awareness
<b>Estimated Cost:</b>	Limited Cost is Needed
<b>Benefits:</b>	Public involvement, increased disaster resilience for the community, information for our partners to use.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-4 Years
<b>Potential Fund Sources:</b>	Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuous
<b>Report of Progress:</b>	Website is created just needs updated

## 4 - MITIGATION STRATEGY

### GREENE COUNTY

**Goal:** To provide more protection against cyber-crimes and incidents.

**Action:** Provide programs to protect the county against cyber-crimes using some of the following: Two Factor Authentication, Encryption, any other protection programs.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Cyber
<b>Problem being Mitigated:</b>	Cyber incidents are increasing rapidly across the nation effecting all types of agencies including the Greene County Government Offices.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 7
<b>Name of Action or Project:</b>	Greene County Cyber Protection
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Cost varies by programs
<b>Benefits:</b>	Could save millions of dollars, loss of data, loss of personal information
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Various Greene County Departments
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Department Budgets, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### GREENE COUNTY

**Goal:** To provide all critical facilities in Greene County with appropriate generators that provide a backup power source in emergencies.

**Action:** Purchase generators for all critical facilities in Greene County including: EOC, 9-11, County Server Room and many other facilities.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Power-Outages
<b>Problem being Mitigated:</b>	There are many critical facilities located within the county that need generators to back up power in major outages situations.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 8
<b>Name of Action or Project:</b>	Greene County Generators
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000 Per Generator
<b>Benefits:</b>	Protection of emergency services
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Various Greene County Departments
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Department Budgets, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### GREENE COUNTY

**Goal:** To provide a large, centrally located multi-purpose shelter for the residents of Greene County.

**Action:** Purchase generators and transfer switches for the E-Plex, located at the Ozark Empire Fair

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornadoes, Severe Winter Weather, Power Loss
<b>Problem being Mitigated:</b>	The Ozark Empire Fair Grounds has a large indoor space that could be used for sheltering purposes during large-scale disaster events. The location has the recreation space, bathrooms, sleeping space, food service capabilities but does not have generators to support the building during power outages. The location also has space to shelter animals.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Greene County Goal 9
<b>Name of Action or Project:</b>	Ozark Empire Fair Generators
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	\$400,000
<b>Benefits:</b>	Shelter for both people and animals of Greene County, Protect Hillcrest students and staff in case of disaster, could be used as a staging area for large disaster events, Relief station for I-44
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Springfield
<b>Supporting Organization/Department:</b>	Greene County Agricultural Mechanic Society
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2-3 Years
<b>Potential Fund Sources:</b>	Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

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### GREENE COUNTY

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Development in floodplain areas
ACTION OR PROJECT	
Action/Project Number:	Greene County Goal 10
Name of Action or Project:	NFIP Participation
Mitigation Category:	Prevention
Estimated Cost:	\$25,000-\$50,000
Benefits:	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	EMD/ Floodplain Administrator
Supporting Organization/Department:	Springfield- Greene County Office of Emergency Management
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	General Revenue
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinances
PROGRESS REPORT	
Action Status:	Continuing
Report of Progress:	Ongoing

## 4 - MITIGATION STRATEGY

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### CITY OF ASH GROVE

**Goal:** Reduce the City of Ash Grove's vulnerability to tornadoes/Severe thunderstorms, and other disasters.

**Action 1:** Develop a plan to replace existing 30+ year old outdoor warning siren with all hazard devices.

**Action 2:** Add units for larger coverage area and maintain standard of warning in areas of new development. Reach and implement alternative notification systems.

**Action 3:** Install generators at siren sites to provide reliable warning system in power outage situations.

**Action 4:** Monitor annexations process to stay informed as to upcoming and potential annexations to ensure warning siren coverage remains consistent with current standard

**Action 5:** Equip new sirens with radio technology to enable Greene County the ability to activate and monitor sirens.

**Action 6:** Develop the ability to broadcast emergency and public education material to the public.

**Action 7:** Promote NOAA weather Radios with annual city sponsored purchase campaign.

**Action 8:** 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 Operation Center.

**Action 9:** Work with the Springfield-Greene County Office of Emergency Management on proper placement of warning sirens and cameras.

## 4 - MITIGATION STRATEGY

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornados
<b>Problem being Mitigated:</b>	The outdoor warning siren in ash grove is currently out dated and needs to be replaced. The city is also at the point where more sirens should be considered for citizen notification.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Ash Grove Goal 1
<b>Name of Action or Project:</b>	Ash Grove Sirens
<b>Mitigation Category:</b>	Prevention; Structure and Infrastructure
<b>Estimated Cost:</b>	\$50,000-\$150,000
<b>Benefits:</b>	Ensure timely notification to all citizens during sever weather events and emergencies; and prevent loss of lives.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Ash Grove-EMD
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New and On Going
<b>Report of Progress:</b>	Conducting research. Submitted HMGP NOI



## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

**Goal:** To protect the lives of Ash Grove citizens from all hazards that may affect the area.

**Action 1:** Secure funding and build a community safe room and hardened structure for Emergency Management and Public Safety Operations.

**Action 2:** Research grants and other funding sources to build emergency community safe rooms, large enough to temporarily house citizens.

**Action 3:** Build FEMA approved emergency safe rooms for citizens to take protective cover in, and provide temporary sheltering during any emergency.

**Action 4:** Incorporate local public safety department and emergency operations center into hardened facilities connected of the community safe room.

**Action 5:** Ensure adequate water, equipment and supplies are stored in facilities that will sustain first responders and citizens during and immediately after a disaster.

**Action 6:** Develop backup systems for utilities and communications, ensuring facilities capability during a disaster and public safety responders can continue to offer life assisting/saving services to the citizens of the city.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All hazards
<b>Problem being Mitigated:</b>	The community of Ash Grove is lacking a community shelter and safe room to be used in any emergency.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Ash Grove Goal 2
<b>Name of Action or Project:</b>	City of Ash Grove Shelter
<b>Mitigation Category:</b>	Emergency Services; Structure and Infrastructure
<b>Estimated Cost:</b>	\$2,000,000
<b>Benefits:</b>	Save lives of first responders and citizens. Ensure emergency services and Emergency Operations Center capabilities can safely be maintained.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City Ash Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New-On-going
<b>Report of Progress:</b>	Conducting initial research. Submitted HMGP Notice of Interest

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

**Goal:** Reduce the City of Ash Grove's vulnerability to disasters by 50% over the next 5 years.

**Action 1:** Develop and implement public education and awareness programs and activities that focus on the prevention and mitigation of natural and manmade hazards their consequences, and the steps that can be taken to reduce risk.

**Action 2:** Distribute brochures and related materials to inform property owners about projects they can accomplish to make their residential and commercial properties disaster resistant.

**Action 3:** Promote hazard mitigation awareness and education

**Action 4:** Promote an awareness campaign regarding safety measures and preparation actions for specific hazards to target populations; severe winter storms, heat, tornadoes.

**Action 5:** Develop comprehensive workshops to be conducted for elected officials, business owners, and other community leaders on hazard mitigation programs and activities.

**Action 6:** Increase local business ability to expedite business resumption following a disaster

**Action 7:** Develop incentive programs for citizens, business and industry to pursue hazards mitigation projects.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All hazards
Problem being Mitigated:	The City of Ash Grove currently lacks public education that can be extremely useful in times of disasters
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 3
Name of Action or Project:	City of Ash Grove Education
Mitigation Category:	Education; Outreach
Estimated Cost:	\$5,000
Benefits:	Increase public education and survivability from disasters.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	1-5 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	Ongoing, Continuous
Report of Progress:	Started with FEMA Produced literature

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

**Goal:** Reduce the City of Ash Grove's Vulnerability of Human-Caused Hazards and disasters by 50% over the next 5 years.

**Action 1:** Develop and implement mitigation measures focusing on governmental infrastructure improvements, retrofits, and additions.

**Action 2:** Develop and implement policies and training programs regarding infrastructure security and safety.

**Action 3:** Install locking, alarm, and security devices to improve physical security of municipal facilities and structures.

**Action 4:** Retrofit municipal buildings with structural components to prevent unapproved entry.

**Action 5:** Continue to develop procedural systems to reduce risk of targeted violence, cyber, and other human caused hazards to municipal facilities.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Human Caused Hazards
Problem being Mitigated:	Infrastructure Security
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 4
Name of Action or Project:	Ash Grove Human Caused Vulnerability
Mitigation Category:	Structure and Infrastructure
Estimated Cost:	\$150,000
Benefits:	Protect lives, maintain municipal services and utilities. Safeguard private personal information of citizens.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	1-5 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

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

**Action 1:** Develop a local Community Emergency Response Team (CERT) for Ash Grove and promote the CERT concept

**Action 2:** Work with neighborhood groups, non-profit organizations, business and industry to establish response teams.

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

**Action 4:** Improve the efficiency, timing and effectiveness of response and recover efforts during times of disaster.

**Action 5:** Improve communication capabilities with all Ash Grove municipal departments and emergency services departments. Improve communication capabilities throughout the region and mutual aid area.

**Action 6:** Establish a mobile Emergency Communications Center/Command Post with necessary communication equipment.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	Lack of trained personnel, equipment needs.
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 5
Name of Action or Project:	Ash Grove Training
Mitigation Category:	Emergency Services
Estimated Cost:	\$75,000
Benefits:	Protect life and property
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	None
Action/Project Priority:	Medium
Timeline for Completion:	1-5 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

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

**Action 1:** Reduce the vulnerability of flooding damage to existing private and public structures.

**Action 2:** Conduct a citywide analysis of the sewer system, assessing for causes of sanitary sewer overflows and caused during flooding events.

**Action 3:** Create a financial and intervention plan for reducing risk for sanitary sewers overflowing during flooding vents as recognized by sewer system analysis.

**Action 4:** Promote environmentally sound watershed and stormwater practices to decrease flash flooding.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Infrastructures issue due to stormwater and flooding.
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 6
Name of Action or Project:	Ash Grove Flooding
Mitigation Category:	Structure and Infrastructure projects
Estimated Cost:	\$75,000
Benefits:	Reduce sanitary sewer overflows caused by flooding and water infiltration
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	None
Action/Project Priority:	Medium
Timeline for Completion:	1-5 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Smoke testing and camera reviews of system are underway

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

**Goal:** Reduce the City of Ash Grove's vulnerability to extreme heat by 50% over the next 1-3 Years.

**Action 1:** Reduce vulnerability of population with increased risk to medical complications secondary to extreme heat.

**Action 2:** Search and identify all local citizens that have an increased risk factor for medical complications.

**Action 3:** Identify adequate locations to develop Community Shelters to be used during extreme heat, and similar emergencies.

**Action 4:** Create a volunteer program that can assist in monitoring the vulnerable population identified, provide assistance with opening and monitoring shelters.

**Action 5:** Consult with local office of the American Red Cross and other organizations to help research and organize shelter needs, and operational guidelines.

**Action 6:** Support annual campaign advertisement for Extreme Heat awareness.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Extreme Heat
<b>Problem being Mitigated:</b>	Heath related illnesses and issued related to extreme heat are constant issues during the Greene County summers
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Ash Grove Goal 7
<b>Name of Action or Project:</b>	Ash Grove Extreme Heat
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$5,000
<b>Benefits:</b>	Increase life safety for medically compromised citizens
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Ash Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF ASH GROVE

**Goal:** Reduce the City of Ash Grove's vulnerability to disasters by 50% over the next 5 years.

**Action 1:** Identify primary and secondary emergency snow routes to be maintained during severe weather conditions. Establish policy and procedures for maintaining these routes.

**Action 2:** Establish an interdepartmental communications system for Ash Grove Emergency Management, Ash Grove Police Department, Ash Grove Fire Protection District, Ash Grove Public Works, and Ash Grove City Hall.

**Action 3:** Enhance strategies for post-disaster debris management.

**Action 4:** Increase the ability of city staff to maintain operations during emergencies.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	Infrastructure issues related to Ash Grove Public Works
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 8
Name of Action or Project:	Ash Grove Public Works
Mitigation Category:	Infrastructure Improvements
Estimated Cost:	\$5,000
Benefits:	Reduce risk to personnel and citizens and decrease recovery time.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	None
Action/Project Priority:	Medium
Timeline for Completion:	1-3 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching

## 4 - MITIGATION STRATEGY

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### CITY OF ASH GROVE

**Goal:** To protect travel through Ash Grove.

**Action 1:** Develop a plan for the replacement of flood-damaged bridge on Brookside, which is currently unsafe for use by emergency and utility vehicles.

**Action 2:** Work in conjunction with Greene County Highway Department for bridge replacement.

**Action 3:** Replace damaged bridges across the city of Ash Grove.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Dangerous bridges are effecting travel for some emergency and utility vehicles.
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 9
Name of Action or Project:	Ash Grove Training
Mitigation Category:	Emergency Services, Infrastructure and Structure
Estimated Cost:	\$1 Million
Benefits:	Restore ability of safe travel to 6 residences on a dead end street.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD
Supporting Organization/Department:	Greene County Highway Department
Action/Project Priority:	High
Timeline for Completion:	1 Year.
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching



## 4 - MITIGATION STRATEGY

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### CITY OF ASH GROVE

**Goal:** Protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Development in floodplain areas
ACTION OR PROJECT	
Action/Project Number:	City of Ash Grove Goal 10
Name of Action or Project:	NFIP Participation
Mitigation Category:	Prevention
Estimated Cost:	\$25,000-\$50,000
Benefits:	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	City of Ash Grove-EMD/ Floodplain administrator
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	General Revenue
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinances
PROGRESS REPORT	
Action Status:	Continuing
Report of Progress:	Ongoing

work with residents to identify flood prone areas.

## 4 - MITIGATION STRATEGY

### CITY OF BATTLEFIELD

**Goal:** To increase the ability of City staff to maintain communication during City, County or Regional emergency situations.

**Action:** Purchase 800 MHz radios for city officials.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The City of Battlefield needs radios to communicate during all hazards.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Battlefield Goal 1
<b>Name of Action or Project:</b>	Battlefield Radios
<b>Mitigation Category:</b>	Emergency Services
<b>Estimated Cost:</b>	\$10,000
<b>Benefits:</b>	Communication with Emergency Services in surrounding area
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Battlefield-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Grant, Local
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	On-going
<b>Report of Progress:</b>	City needs to acquire 1 more radio to complete project

## 4 - MITIGATION STRATEGY

### CITY OF BATTLEFIELD

**Goal:** To improve storm-warning systems to increase covered area.

**Action:** Expansion and improvement of Storm Siren coverage area.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Weather and Tornados
<b>Problem being Mitigated:</b>	Improving reliability of storm warning system
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Battlefield Goal 2
<b>Name of Action or Project:</b>	Battlefield Storm Sirens
<b>Mitigation Category:</b>	Emergency Services; Prevention; Infrastructure
<b>Estimated Cost:</b>	\$30,000
<b>Benefits:</b>	Increase warning area radius for the citizens of Battlefield
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Battlefield-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	3 years
<b>Potential Fund Sources:</b>	Grants, Internal Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Not Started
<b>Report of Progress:</b>	Not Budgeted. Researching Grant Funding Opportunities

## 4 - MITIGATION STRATEGY

### CITY OF BATTLEFIELD

**Goal:** To protect the lives of the Battlefield citizens during severe weather.

**Action:** Construct emergency safe rooms.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Weather, Tornadoes
<b>Problem being Mitigated:</b>	There is a lack of shelters for citizens of Battlefield during severe weather.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Battlefield Goal 3
<b>Name of Action or Project:</b>	Battlefield Shelters
<b>Mitigation Category:</b>	Infrastructure; Prevention
<b>Estimated Cost:</b>	\$5 Million
<b>Benefits:</b>	Improve Storm readiness and improve public safety capability.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Battlefield-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	5 years
<b>Potential Fund Sources:</b>	Municipal Funding, Governmental Grant Funding, Private Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Not Started, in process of identifying grant funding sources.

## 4 - MITIGATION STRATEGY

### CITY OF BATTLEFIELD

**Goal:** To enhance stormwater management by improving flood control programs.

**Action:** Enhance and create stormwater control programs.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Lack of trained personnel, equipment needs.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Battlefield Goal 4
<b>Name of Action or Project:</b>	Battlefield Flood Control Programs
<b>Mitigation Category:</b>	Infrastructure; Prevention
<b>Estimated Cost:</b>	\$1.5 Million
<b>Benefits:</b>	Reduce risk of flooding in Battlefield. Improve control of storm water run-off
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Battlefield-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	5-10 Years
<b>Potential Fund Sources:</b>	Municipal Funds, County Tax, Grant Programs
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Started and continuing
<b>Report of Progress:</b>	Completed phase 1 and 2 of Cloverdale Stormwater project

## 4 - MITIGATION STRATEGY

### CITY OF BATTLEFIELD

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Development in floodplain areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Battlefield Goal 5
<b>Name of Action or Project:</b>	NFIP Participation
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	EMD/ Floodplain Administrator
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Ongoing
<b>Potential Fund Sources:</b>	General Revenue
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	Floodplain ordinances
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Ongoing

## 4 - MITIGATION STRATEGY

### CITY OF FAIR GROVE

**Goal:** To enhance safety for the citizens of Fair Grove.

**Action:** Replace, add and update storm sirens as needed across the city to protect and warn the citizens when severe weather is in the area.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornadoes
<b>Problem being Mitigated:</b>	Fair Grove is a developing community and as the community grows, the need for storm sirens will grow.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Fair Grove Goal 1
<b>Name of Action or Project:</b>	City of Fair Grove Storm Sirens
<b>Mitigation Category:</b>	Prevention; Structure
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Prevention of loss of life and injury to citizens, enhanced warning for the community
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Fair Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Grant, Tax, Local Funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

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### CITY OF FAIR GROVE

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Development in floodplain areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Fair Grove Goal 2
<b>Name of Action or Project:</b>	NFIP Participation
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	EMD/ Floodplain Administrator
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Ongoing
<b>Potential Fund Sources:</b>	General Revenue
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	Floodplain ordinances
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Ongoing



## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To protect the lives of the people who travel through Republic.

**Action:** To address and fix the traffic flow at major intersection and collector streets to MO ZZ

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All hazards
<b>Problem being Mitigated:</b>	Currently traffic flow on Highway ZZ can be dangerous. There are multiple traffic accidents that occur at all times of the days.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 1
<b>Name of Action or Project:</b>	City of Republic MO ZZ
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$30,000
<b>Benefits:</b>	Improve an extremely congested intersection of St 174 and main and the collection streets carrying traffic to MO ZZ, all involving school traffic.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2 Years
<b>Potential Fund Sources:</b>	Grants, Budgets,
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To protect the lives of walking pedestrians in Republic.

**Action:** Construct a pedestrian bridge across E. US 60 connecting sidewalks a long Hines St and removing existing crosswalk and lights.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Public Safety
<b>Problem being Mitigated:</b>	Pedestrian traffic is very dangerous along US 60 because of constant traffic traveling in and out of Republic
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 2
<b>Name of Action or Project:</b>	Hines St. Pedestrian Bridge
<b>Mitigation Category:</b>	Structure; Infrastructure
<b>Estimated Cost:</b>	\$6,000,000
<b>Benefits:</b>	Safe crossing for school children from multiple campuses and connection of green trails.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	3-4 years
<b>Potential Fund Sources:</b>	Possible Grant with Assistance of Capital Improvement
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To limit the loss of property and injury due to flooding across the Republic area.

**Action:** Study of relocation of stormwater from 1740 US 60 E to 1000 block of US 60 E.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Stormwater management needs work in the Republic city limits.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 3
<b>Name of Action or Project:</b>	Republic Fore US 60
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000
<b>Benefits:</b>	Developing a plan to help the stormwater run off in the area will reduce the flooding at 1740 US 60. This can help prevent injuries and loss of property.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	4 Years
<b>Potential Fund Sources:</b>	TBD
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To protect the lives of citizens traveling through the City of Republic when there is severe flooding in the area.

**Action:** Retrofit the piping for stormwater management from 500 Block of St. Highway 174 to 400 block of Hines Street.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Stormwater management needs work in the Republic city limits.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 4
<b>Name of Action or Project:</b>	Logan St. Mediation
<b>Mitigation Category:</b>	Structure; Infrastructure
<b>Estimated Cost:</b>	\$140,000
<b>Benefits:</b>	This will allow for further development and alleviated the flooding of Logan St.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3 Years
<b>Potential Fund Sources:</b>	Capital Improvement Money
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To enhance the public safety and health of the citizens in Republic.

**Action:** Add a permanent generator at Lift Station 2, which moves wastewater from southwestern portion of City including the new OTC Campus.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Power Outage; Severe Storms; Severe Winter Weather
<b>Problem being Mitigated:</b>	There is not a generator located on the Lift Station 2. Without power, wastewater and sewage cannot be properly pumped out of the Lift Station.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 5
<b>Name of Action or Project:</b>	Lift Station 2 Back Up Power
<b>Mitigation Category:</b>	Structure; Infrastructure Project
<b>Estimated Cost:</b>	\$20,000
<b>Benefits:</b>	Environment protection and allowing Protect in Place during long power loss disruptions such as occurred in 2007.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2 Years
<b>Potential Fund Sources:</b>	Capital Improvement TBD
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF REPUBLIC

**Goal:** To protect sensitive data against attacks or other cyber incidents.

**Action:** Replace aging peripheral devices to reduce susceptibility to takeover or invasion of City's Network and development of additional offsite storage and server management.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Cyber
<b>Problem being Mitigated:</b>	Invasive attacks occurring upon the IT network can cause loss of sensitive data and cost the city thousands of dollars.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Republic Goal 6
<b>Name of Action or Project:</b>	Republic Cyber
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$30,000
<b>Benefits:</b>	Continuing the operations of the facets of the city.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Republic-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	3 Years
<b>Potential Fund Sources:</b>	Capital Improvement; TBD
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

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### CITY OF REPUBLIC

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Development in floodplain areas
ACTION OR PROJECT	
Action/Project Number:	City of Republic Goal 7
Name of Action or Project:	NFIP Participation
Mitigation Category:	Prevention
Estimated Cost:	\$25,000-\$50,000
Benefits:	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	EMD/ Floodplain Administrator
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	General Revenue
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinances
PROGRESS REPORT	
Action Status:	Continuing
Report of Progress:	Ongoing

## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To reduce flooding of streets, businesses, and private property to improve safety and quality of life for citizens.

**Action:** To retrofit areas identified in the action description section of the chart below.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Many residents across the City deal with flooding on a routine basis due to lack of infrastructure, poor development standards, and building practices in the past.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Springfield Goal 1
<b>Name of Action or Project:</b>	To pursue storm water management for identified repetitive loss locations across the City of Springfield.
<b>Mitigation Category:</b>	Structure and Infrastructure Projects.
<b>Action or Project Description:</b>	Priority Projects: Fasnigh Creek by Art Museum (\$2.3 Million) Fasnigh Creek-Jefferson Ave. to Holland Ave. (\$2.8 Million) Renew Jordan Creek from Main Ave. to Boonville Ave. (\$6.5 Million) North Branch Jordan Creek Regional Detention Basin (\$2.7 Million) South Branch Jordan Creek Regional Detention Basin (\$1.1 Million) Rockhurst St. from Patterson Ave. to Cedarbrook Ave. (\$2.8 Million)  Any other repetitive loss areas.
<b>Estimated Cost:</b>	See Project Description
<b>Benefits:</b>	Elimination or reduction in flooding to streets and private property.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Public Works Stormwater Engineering Division
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	5 years
<b>Potential Fund Sources:</b>	City's ¼ Cent Capital Improvement Sales Tax, General Fund Sales Tax, Level Property Tax, private donations, and grant funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Design has begun on the Fasnigh Creek by Art Museum project and the South Branch Jordan Creek Regional Detention Basin project.



## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To reduce flooding of homes and businesses to improve safety and quality of life for citizens.

**Action:** To purchase the properties listed in the action description.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Flooding to homes and businesses due to poor development standards and building practices in the past.
ACTION OR PROJECT	
<b>Applicable Goal Statement:</b>	Reduce flooding of homes and businesses to improve safety and quality of life for citizens.
<b>Action/Project Number:</b>	City of Springfield Goal 2
<b>Name of Action or Project:</b>	Voluntary Floodplain Acquisition Program in the City of Springfield.
<b>Mitigation Category:</b>	Prevention
<b>Action or Project Description:</b>	Priority Locations: 1. 1200 S. Lone Pine Ave. 2. 1206 S. Lone Pine Ave. 3. 1207 S. Lone Pine Ave. 4. 1212 S. Lone Pine Ave. 5. 2418 E. Catalpa St. 6. 2424 E. Catalpa St. 7. 2430 E. Catalpa St. 8. 532 S. Villa Rose Ave. 9. 713 S. Oak Grove Ave. 10. McCoy Property 11. Any other repetitive loss property
<b>Estimated Cost:</b>	Price will vary by location
<b>Benefits:</b>	Elimination of flooding to homes and businesses.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Public Works Stormwater Engineering Division
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	5 years
<b>Potential Fund Sources:</b>	City's ¼ Cent Capital Improvement Sales Tax, Level Property Tax, and grant funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Ongoing (no end date)
<b>Report of Progress:</b>	Add the following properties to the list of flood properties purchased by the City:

## 4 - MITIGATION STRATEGY

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### Additional Properties Purchased through Springfield's Voluntary Floodplain Acquisition Program

1.	2719 and 2725 E. Blaine St.	\$15,000	Apr. 2005
2.	417 S. Patterson Ave.	\$105,565	Apr. 2009
3.	3203 E. Topping Circle	\$135,100	Oct. 2009
4.	1333 S. Kentwood Ave.	\$97,744	Dec. 2009
5.	3300 Block of W. Madison St.	\$10,000	June 2010
6.	520 E. Bennett Ave.	\$135,000	July 2010
7.	3352 W. Harrison St.	\$29,000	Aug. 2010
8.	908 E. Edgewood St.	\$128,000	Mar. 2011
9.	2550 W. Chestnut St.	\$9,500	May 2011
10.	1420 W. College St.	\$106,900	July 2011
11.	3342 W. Harrison St.	\$25,500	Dec. 2011
12.	210 E. Bennett Ave.	\$1,279	Sept. 2011
13.	351 N. Boonville Ave.	\$505,000	Apr. 2012
14.	3335 W. State St.	\$25,500	Aug. 2012
15.	1105 S. John Ave.	\$3,900	Sept. 2012
16.	1111 S. John Ave.	\$90,000	Sept. 2012
17.	1112 S. John Ave.	\$80,000	Sept. 2012
18.	606 S. Fairway Ave.	\$85,000	Oct. 2012
19.	1753, 1762, 1763 E. Caravan St.	\$65,100	Oct. 2012
20.	1243 S. Hillcrest Ave.	\$30,000	Nov. 2012
21.	410 E. Bennett Ave.	\$60,000	Dec. 2012
22.	1432 W. College St.	\$68,250	Dec. 2012
23.	3345 W. Madison St.	\$0	Dec. 2012
24.	514 E. Bennett Ave.	\$134,000	Aug. 2013
25.	Campbell/Mill Parking Lot	\$125,000	Aug. 2013
26.	2733 E. Portland St.	\$85,000	July 2013
27.	2244 N. Lyon Ave.	\$60,000	Dec. 2013
28.	2248 N. Lyon Ave.	\$16,000	Dec. 2013
29.	Cherry St. Indus. Park Lot 29	\$0	Apr. 2014
30.	3248 S. Dayton Ave.	Donated	Oct. 2014
31.	1716 E. Carleton St.	\$160,000	Aug. 2014
32.	3425 W. Lombard St.	\$42,000	Dec. 2014
33.	1247 S. Hillcrest Ave.	\$47,000	Feb. 2015
34.	406 E. Bennett Ave.	\$97,500	June 2015
35.	3323 W. State St.	\$665	Nov. 2015
36.	428 E. Bennett Ave.	\$82,000	Dec. 2016
37.	1410 S. Kimbrough Ave.	\$135,000	Dec. 2017
38.	2533 E. Catalpa St.	\$112,000	July 2019

## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To protect the lives of staff members and shelters animals at the Springfield-Greene County Animal Shelter

**Action:** To relocate the current animal shelter that is in a designated floodplain area to an area that is safe for staff to travel to and work during severe weather and flooding.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding, Communicable Disease (Indirect Affect)
<b>Problem being Mitigated:</b>	Currently, flooding at the animal shelter causes a huge threat to animal shelter staff because the road entering the shelter becomes unpassable during heavy rains. Animals have been found swimming in the shelter due to water entering the shelter and staff not being able to get to them safely. The water is easily contaminated and can cause communicable diseases in animals that can be passed to humans as well.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Springfield Goal 3
<b>Name of Action or Project:</b>	Springfield-Greene County Animal Shelter
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$560,000
<b>Benefits:</b>	Employee and animal safety, prevention of communicable disease from contaminated water, decreased risk for infected animals to escape
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Springfield Health Department
<b>Supporting Organization/Department:</b>	Greene County
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	3-4 years
<b>Potential Fund Sources:</b>	City of Springfield and Greene County Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To enhance the capability of providing the community with a large shelter that could be used during any disaster.

**Action:** Purchase a large generator to supply power to the Jordan Valley Ice Park.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Parks Department owns a large recreational building that is a great location for a community shelter. (Sleeping areas, restrooms, showers, food service, recreation, etc.) The ice park currently does not have a generator and in the past, the shelter had to be shut down during a large ice storm because the building lost power.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Springfield Goal 4
<b>Name of Action or Project:</b>	Jordan Valley Ice Park Generator
<b>Mitigation Category:</b>	Prevention, Structure and Infrastructure Projects
<b>Estimated Cost:</b>	\$400,000
<b>Benefits:</b>	Create a large, centrally located shelter for Greene County Citizens. If the Ice Park had a generator, the Ice Park could be used as a back-up morgue for mass causality incidents. A power outage during extreme heat situations could lead to the ice melting and flooding (thousands of gallons of water) causing over \$100,000 in damages.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Parks Department
<b>Supporting Organization/Department:</b>	City of Springfield and Greene County
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2-4 Years
<b>Potential Fund Sources:</b>	Budget from Parks Department, City of Springfield and Greene County
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To protect the lives of the Parks Department staff and visitors/citizens of the Springfield-Greene County Parks

**Action:** Build a FEMA Safe Room on property owned by the Parks Department.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms
<b>Problem being Mitigated:</b>	Many of the parks in Springfield-Greene County are left without shelter during severe weather incidents. The parks department also staffs approximately 300 people who are left without proper shelter during severe weather.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Springfield Goal 5
<b>Name of Action or Project:</b>	Parks Department Storm Shelter
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	1.5 Million
<b>Benefits:</b>	Staff and community lives, multi-purpose community room, prevention of injuries
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Parks Department
<b>Supporting Organization/Department:</b>	City of Springfield and Greene County
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	4-5 Years
<b>Potential Fund Sources:</b>	Budget from Parks Department, City of Springfield and Greene County, Tax
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### CITY OF SPRINGFIELD

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Development in floodplain areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Springfield Goal 6
<b>Name of Action or Project:</b>	NFIP Participation
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	EMD/ Floodplain Administrator
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Ongoing
<b>Potential Fund Sources:</b>	General Revenue
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	Floodplain ordinances
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Ongoing

## 4 - MITIGATION STRATEGY

### CITY OF STRAFFORD

**Goal:** To limit the loss of life and injury Strafford citizens during severe storms

**Action:** Replace, update and add storm sirens throughout the city to better serve the community during severe weather.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado, Severe Storms
<b>Problem being Mitigated:</b>	The City of Strafford currently has outdated storm sirens than need to be replaced, the city also is growing and needs more sirens added for expanded coverage.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Strafford Goal 1
<b>Name of Action or Project:</b>	Strafford Schools Storm Sirens
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	\$50,000-100,000
<b>Benefits:</b>	More updated sirens will be beneficial to the citizens with storm warning and notification. This could save lives and prevent injuries during severe weather.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Stafford Emergency Manager
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Grant, Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### CITY OF STRAFFORD

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Development in floodplain areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Strafford Goal 2
<b>Name of Action or Project:</b>	NFIP Participation
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	EMD/ Floodplain Administrator
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Ongoing
<b>Potential Fund Sources:</b>	General Revenue
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	Floodplain ordinances
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Ongoing



## 4 - MITIGATION STRATEGY

### CITY OF WALNUT GROVE

**Goal:** To protect the lives of the citizens of the City of Walnut Grove.

**Action 1:** Promote hazard mitigation awareness and education by providing a quarterly newsletters with information on hazards.

**Action 2:** Host yearly emergency awareness meeting for citizens to gain information and ask questions.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The citizens of Walnut Grove currently don't have on-going information on hazard.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Walnut Grove Goal 1
<b>Name of Action or Project:</b>	City of Walnut Grove Mitigation Awareness
<b>Mitigation Category:</b>	Education
<b>Estimated Cost:</b>	Low Cost Expected
<b>Benefits:</b>	Having continuous education will keep the citizens of Walnut Grove up to date on the hazards their community is at risk for. By keeping a community education, it makes them more resilient to disasters.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Walnut Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Budget, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	On-Going
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### CITY OF WALNUT GROVE

**Goal:** To enhance the building stability of the Municipal complex.

**Action:** Add measures and structural modifications to increase municipal complex's ability to withstand disaster events and serve as both an EOC and warming/post event shelter for displaced.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The current municipal complex could use more protective measures to remain operational at all times.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Walnut Grove Goal 2
<b>Name of Action or Project:</b>	City of Walnut Grove Municipal Complex
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	Researching
<b>Benefits:</b>	By enhancing the municipal complex's structures, it gives the community a functional EOC that can be used during times of disasters.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Walnut Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Budget, Local Funds, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF WALNUT GROVE

**Goal:** To improve the response efforts of the Public Works Department during tornado and high wind events.

**Action:** To provide proper equipment to the Public Works Department including a backhoes and hauling trailers.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Public Works Department needs the proper equipment to make response to disaster events more efficiently.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Walnut Grove Goal 3
<b>Name of Action or Project:</b>	Public Works Equipment
<b>Mitigation Category:</b>	Other
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Enhance the response of the Walnut Grove community when public works response is needed.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Walnut Grove-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Budget, Local Funds, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### CITY OF WALNUT GROVE

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with residents to identify flood prone areas.

RISK / VULNERABILITY	
Hazard(s) Addressed:	Flooding
Problem being Mitigated:	Development in floodplain areas
ACTION OR PROJECT	
Action/Project Number:	City of Walnut Grove 4
Name of Action or Project:	NFIP Participation
Mitigation Category:	Prevention
Estimated Cost:	\$25,000-\$50,000
Benefits:	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	EMD/ Floodplain Administrator
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	General Revenue
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinances
PROGRESS REPORT	
Action Status:	Continuing
Report of Progress:	Ongoing

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To maintain the Willard Storm Sirens and purchase more sirens for the community.

**Action:** Develop a new standard operation procedure for maintaining the inspection of sirens. Research funding opportunities for updating sirens in the future.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	There currently is a need for more and updated sirens in the Willard area.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 1
<b>Name of Action or Project:</b>	Willard Storm Sirens
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$1500.00 per year
<b>Benefits:</b>	Ensuring timely notification of severe weather to all citizens.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Willard, Emergency Management
<b>Supporting Organization/Department:</b>	Springfield-Greene County Office of Emergency Management
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Begin maintenance schedule and research

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To create and develop flood control programs for the City of Willard.

**Action:** To develop and implement mitigation measures that focus on building, modifying, or retrofitting buildings and other structures to minimize the effect of natural hazards on them and their occupants.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Stormwater runoff into residential areas.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 2
<b>Name of Action or Project:</b>	Willard Stormwater Management
<b>Mitigation Category:</b>	Structures and Infrastructure Projects
<b>Estimated Cost:</b>	\$10,000-\$25,000
<b>Benefits:</b>	Less damage to property and life from flooding
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Public Works
<b>Supporting Organization/Department:</b>	Greene County Highway Department
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	Continuous
<b>Potential Fund Sources:</b>	Government Program Funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, Not Started
<b>Report of Progress:</b>	Funding

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To reduce the City of Willard's vulnerability to extreme heat by 50% over the next year.

**Action:** Reduce vulnerability of population with increased risk to medical complications secondary to extreme heat by purchasing equipment and implementing shelters.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Extreme Heat
<b>Problem being Mitigated:</b>	Heat related illness and other health problems related to extreme heat.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 3
<b>Name of Action or Project:</b>	Willard Heat Related Illness
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Increases safety for medically fragile residents.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	City of Willard, Willard Emergency Management
<b>Supporting Organization/Department:</b>	Willard Fire Protection District
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1-3Years
<b>Potential Fund Sources:</b>	Internal
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, In Progress
<b>Report of Progress:</b>	Updating list, researching more options for cooling stations.

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To reduce the potential damage caused by flooding likely to strike the local area by 50%.

**Action:** To reduce the vulnerability of flooding damage to existing private and public structures.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Infrastructure issues due to stormwater and flooding
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 4
<b>Name of Action or Project:</b>	Willard Stormwater Projects
<b>Mitigation Category:</b>	Structure and Infrastructure
<b>Estimated Cost:</b>	\$100,000
<b>Benefits:</b>	Reduce sanitary sewer overflows
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Public Works
<b>Supporting Organization/Department:</b>	City of Willard
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, In Progress
<b>Report of Progress:</b>	Conducting smoke testing of sewer lines, improving infrastructure.



## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To reduce the City of Willard's vulnerability to tornadoes/severe thunderstorms by 50% over the next 5 years.

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

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornados/Severe Thunderstorms
<b>Problem being Mitigated:</b>	Insufficient warnings during severe weather to certain areas.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 5
<b>Name of Action or Project:</b>	Willard Severe Weather Projects
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Increased warning to entire residential areas.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Emergency Management
<b>Supporting Organization/Department:</b>	City of Willard
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Internal Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, Not Started
<b>Report of Progress:</b>	Lack of Funding available, researching grants

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To reduce the City of Willard's vulnerability to tornadoes/severe thunderstorms by 50% over the next 5 years.

**Action:** Increase public education of specific tornado mitigation activities that can be done. Increase amount of homes with a weather alert radio.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornados/Severe Thunderstorms
<b>Problem being Mitigated:</b>	Lack of Public Education
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 6
<b>Name of Action or Project:</b>	Willard Public Education
<b>Mitigation Category:</b>	Education and Outreach
<b>Estimated Cost:</b>	\$15,000
<b>Benefits:</b>	Increased public education
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Emergency Management
<b>Supporting Organization/Department:</b>	City of Willard
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal Funding, Government Program Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, In Progress
<b>Report of Progress:</b>	Education Started, Ongoing

## 4 - MITIGATION STRATEGY

### CITY OF WILLARD

**Goal:** To reduce the City of Willard's vulnerability to wildfires' by 50% over the next 5 years.

**Action:** Improve city-wide fire hydrant capabilities.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Wildfire, Urban Fire
<b>Problem being Mitigated:</b>	Fires to structures and areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 7
<b>Name of Action or Project:</b>	Willard Wildfire Prevention
<b>Mitigation Category:</b>	Structure and Infrastructure Projects
<b>Estimated Cost:</b>	\$150,000
<b>Benefits:</b>	Reduce risk to residents with improved fire hydrant availability and water pressure
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Public Works
<b>Supporting Organization/Department:</b>	Willard Fire Protection District
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal Funding, Government Program Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing, In Progress
<b>Report of Progress:</b>	Working with fire on all new developments and future land use.

## 4 - MITIGATION STRATEGY

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### CITY OF WILLARD

**Goal:** To protect the health, safety, and welfare of residents.

**Action:** Enforce floodplain management ordinances, regulate new construction in SFHA and work with

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Development in floodplain areas
ACTION OR PROJECT	
<b>Action/Project Number:</b>	City of Willard Goal 8
<b>Name of Action or Project:</b>	NFIP Participation
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$25,000-\$50,000
<b>Benefits:</b>	Reduce development in SFHA, protect floodplains
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	EMD/ Floodplain Administrator
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Ongoing
<b>Potential Fund Sources:</b>	General Revenue
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	Floodplain ordinances
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Ongoing

residents to identify flood prone areas.

## 4 - MITIGATION STRATEGY

### ASH GROVE FIRE PROTECTION DISTRICT

**Goal:** Reduce the Ash Grove Fire Protection District's vulnerability to disasters by 50% over the next 5 years.

**Action 1:** Acquire new apparatus and equipment capable of mitigating wildland fires.

**Action 2:** Actively seek grants and other funding sources to assist with goals.

**Action 3:** Property train personnel on use of purchased apparatus and equipment.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Wildland Fire
<b>Problem being Mitigated:</b>	Additional equipment and training will help the Ash Grove Fire Protection District fight wildfires.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ash Grove Fire Goal 1
<b>Name of Action or Project:</b>	Ash Grove Fire Protection District Wildfires
<b>Mitigation Category:</b>	Emergency Services; Structure and Infrastructure
<b>Estimated Cost:</b>	\$50,000
<b>Benefits:</b>	Protect the lives of first responders and citizens. Ensure emergency services and capabilities can safely be maintained. Reduce risk to personnel and citizens and decrease property loss.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ash Grove Fire Protection District- EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years.
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### ASH GROVE FIRE PROTECTION DISTRICT

**Goal:** Reduce the Ash Grove Fire Protection District's vulnerability to disaster by 50% over the next 5 years.

**Action 1:** Acquire new apparatus capable of multi-type rapid response.

**Action 2:** Actively seek grants and other funding courses to assist with goals.

**Action 3:** Properly train personnel on use of purchased apparatus and equipment.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	The Ash Grove Fire Protection District currently lacks an apparatus that could help with different responses.
ACTION OR PROJECT	
Action/Project Number:	Ash Grove Fire Goal 2
Name of Action or Project:	Ash Grove Training
Mitigation Category:	Emergency Services; Structure and Infrastructure
Estimated Cost:	\$50,000
Benefits:	Protect the lives of first responders and citizens. Ensure emergency services and capabilities can safely be maintained. Increase effectiveness and decrease response times.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	Ash Grove Fire Protection District-EMD
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	1-3 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching

## 4 - MITIGATION STRATEGY

### ASH GROVE FIRE PROTECTION DISTRICT

**Goal:** To save the lives of responders and citizens and ensure emergency services and EOC can safely be maintained.

**Action 1:** Research grants and other funding sources to build a new station.

**Action 2:** Coordinate with local Public Safety departments to explore opportunities of constructing a joint Public Safety Facility and Emergency Operation Center with hardened structure for services, potentially connected to a Community Safe Room.

**Action 3:** Construct a new Station, ensure adequate water, equipment, and supplies, are stored in facilities that will sustain First Responders during and immediately after a disaster.

**Action 4:** Develop backup systems for utilities and communications, ensuring facilities capability during a disaster, and public safety responders can continue to offer life assisting/ saving series to the citizens of the district.

**Action 5:** Increase the ability of departmental personnel to maintain in departmental operations during emergencies.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Ash Grove Fire Protection District needs a new fire station to enhance response.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ash Grove Fire Goal 3
<b>Name of Action or Project:</b>	Ash Grove Station
<b>Mitigation Category:</b>	Emergency Services; structure and infrastructure
<b>Estimated Cost:</b>	\$400,000
<b>Benefits:</b>	Save the lives of first responders and citizens.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ash Grove Fire Protection District-EMD
<b>Supporting Organization/Department:</b>	City of Ash Grove
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding, Private Funding, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### ASH GROVE FIRE PROTECTION DISTRICT

**Goal:** Reduce the Ash Grove Fire Protection District's vulnerability to disasters by 50% over the next 5 years.

**Action 1:** Acquire new or used fire engine.

**Action 2:** Actively seek grants and other funding sources to assist with goals.

**Action 3:** Properly train personnel on use of purchases apparatus and equipment.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	The Ash Grove Fire Protection District needs a new fire engine for better response.
ACTION OR PROJECT	
Action/Project Number:	Ash Grove Fire Goal 4
Name of Action or Project:	Ash Grove Engine
Mitigation Category:	Emergency Services
Estimated Cost:	\$50,000-\$150,000
Benefits:	Protect lives of first responders and citizens. Ensure emergency services and capabilities can safely be maintained. Reduce risk to personnel and citizens and decrease property loss.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	Ash Grove Fire Protection District-EMD
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	1-5 Years
Potential Fund Sources:	Internal, Government Program Funding, Private Funding, Grants
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching



## 4 - MITIGATION STRATEGY

### BATTLEFIELD FIRE PROTECTION DISTRICT

**Goal:** To provide a more modern and useful apparatus for the District.

**Action:** Build new fire apparatus and create a replacement plan for existing apparatus.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The district is need of a new apparatus that can be more useful for the district and the citizens the district serves.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Battlefield Fire Goal 1
<b>Name of Action or Project:</b>	Battlefield New Apparatus
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Providing additional space to the district
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Battlefield Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	In Progress
<b>Report of Progress:</b>	90% complete

## 4 - MITIGATION STRATEGY

### BATTLEFIELD FIRE PROTECTION DISTRICT

**Goal:** To better serve the patrons of the district with quicker response times for emergency calls, and to maintain better district resources.

**Action:** Acquire more full time staffing for the district.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently the district is outgrowing the amount of full time employees that work for the district.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Battlefield Fire Goal 2
<b>Name of Action or Project:</b>	District Staffing
<b>Mitigation Category:</b>	Response; Emergency Services
<b>Estimated Cost:</b>	Varies
<b>Benefits:</b>	Increasing response times to the citizens of the district, maintaining better district resources.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Battlefield Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	5-10 Years
<b>Potential Fund Sources:</b>	Internal, Government Program Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	On-going
<b>Report of Progress:</b>	90%

## 4 - MITIGATION STRATEGY

### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To limit the time spent during an outage and therefore ensure enhances response to emergencies.

**Action:** Purchase and place a 14K Generac at Station 2 and a 20k at Station 6 for use during natural disaster and Emergency Operations Centers.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Severe Winter Weather, Non-Weather Related Incidents
<b>Problem being Mitigated:</b>	Prolonged power outages to critical fire stations place throughout Greene County.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 1
<b>Name of Action or Project:</b>	Station Generators
<b>Mitigation Category:</b>	Prevention, Response
<b>Estimated Cost:</b>	\$15,000
<b>Benefits:</b>	Prolonged fire/rescue operations, health/wellness for citizens, EOC/IC posts.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Fire District Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To limit loss of life and injury to swift water and flood emergencies.

**Action:** Certify all fire fighters to at least the operations level, Certify 8 to the Tech level and purchase 1 Zodiac boats. Also purchase more ropes and other water rescue equipment.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Swiftwater/Flood Emergencies
<b>Problem being Mitigated:</b>	Swiftwater deaths/disability and entrapment
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 2
<b>Name of Action or Project:</b>	Ebenezer Water Rescue Team
<b>Mitigation Category:</b>	Prevention and Emergency Services
<b>Estimated Cost:</b>	\$45,000
<b>Benefits:</b>	Preservation of life
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2-4 Years
<b>Potential Fund Sources:</b>	Ebenezer Fire Protection District Budget, RHSOC
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To enhance storm warning systems in Northern Greene County.

**Action:** Strategically place storm sirens located in Ebenezer Fire Protection District that are currently lacking warning systems.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms (Including High Wind), Tornadoes
<b>Problem being Mitigated:</b>	Northern Greene County currently lacks warning systems. Providing warning siren to these citizens would benefit the fire district and citizens residing in the areas.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 3
<b>Name of Action or Project:</b>	Ebenezer Storm Sirens
<b>Mitigation Category:</b>	Prevention/Emergency Services
<b>Estimated Cost:</b>	\$10,000 each
<b>Benefits:</b>	Increased warning for residents, prevention of loss of life and injury
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-3 years from funding
<b>Potential Fund Sources:</b>	Budget, Greene County, Tax
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To protect the lives of the Ebenezer Fire Protection District and the citizens they serve during severe weather and tornados.

**Action:** Incorporate a storm shelter in the new station 6.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornados
<b>Problem being Mitigated:</b>	Currently many areas in Greene County are lacking appropriate shelter for citizens and fire fighters to use as protection during severe storms and tornados.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 4
<b>Name of Action or Project:</b>	Ebenezer Storm Shelter
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	\$20,000
<b>Benefits:</b>	Reduce loss of life and injury due to storms
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	5 years
<b>Potential Fund Sources:</b>	AFG or RHSOC, Tax, Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Land has been purchased for new station.

## 4 - MITIGATION STRATEGY

### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To enhance emergency response by accessing appropriate equipment faster, also to protect the lives of the Ebenezer Fire Protection District and the residents they serve by providing appropriate shelter.

**Action:** To enhance all hazards response by being better located, having more room for trucks/boats/ other equipment, having storm shelters for firefighters and residents, and having an EOC room.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently the Ebenezer Fire Protection District lacks space to properly store equipment and vehicles. The district also lacks an Emergency Operations Center to be activated in large scale events and shelters for fire fighters and residents.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 5
<b>Name of Action or Project:</b>	Ebenezer Headquarters
<b>Mitigation Category:</b>	Structure and Infrastructure
<b>Estimated Cost:</b>	\$2,000,000
<b>Benefits:</b>	Rapid response and enhanced response to all emergencies, better infrastructure for response, protection of lives,
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium-High
<b>Timeline for Completion:</b>	5 years
<b>Potential Fund Sources:</b>	AFG, RHSOC, tax levy, budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Waiting to build on land that has been purchased.

## 4 - MITIGATION STRATEGY

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### EBENEZER FIRE PROTECTION DISTRICT

**Goal:** To enhance the Ebenezer Fire Protection District equipment housing needs.

**Action:** Creating an area for equipment housing in the district to help enhance all hazards response.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Rapid Response and Equipment Housing
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ebenezer Fire Goal 6
<b>Name of Action or Project:</b>	Station Five Remodel
<b>Mitigation Category:</b>	Structure and Infrastructure
<b>Estimated Cost:</b>	\$25,000
<b>Benefits:</b>	Rapid response and enhanced response to all emergencies, better infrastructure for response.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ebenezer Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1 year
<b>Potential Fund Sources:</b>	AFG, budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	



## 4 - MITIGATION STRATEGY

### FAIR GROVE FIRE PROTECTION DISTRICT

**Goal:** To enhance the Fair Grove Fire Protection Districts fire suppression.

**Action:** Purchase a new tender for more efficient fire suppression.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently, the fire district is in need of a faster, more reliable fire suppression truck to make response easier for the district fire fighters.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Fair Grove Fire Goal 1
<b>Name of Action or Project:</b>	Fair Grove Tender
<b>Mitigation Category:</b>	Emergency Services; Life and protection of Property
<b>Estimated Cost:</b>	Unsure at this time
<b>Benefits:</b>	Faster fire suppression, prevention of extensive property loss, more reliable response
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Fair Grove Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Grants, General Fund, Earmarked CDs
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Early truck specifications conversations

## 4 - MITIGATION STRATEGY

### LOGAN-ROGERSVILLE FIRE PROTECTION DISTRICT

**Goal:** To keep the fire stations operational during times of severe weather and power outages

**Action:** Provide all stations within the district with generators to provide back-up power.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Severe Winter Weather, Power Outages
<b>Problem being Mitigated:</b>	Prolonged power outages to critical fire stations placed throughout Greene County.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	LR Fire Goal 1
<b>Name of Action or Project:</b>	Logan-Rogersville Station Generators
<b>Mitigation Category:</b>	Prevention; Infrastructure; Emergency Response
<b>Estimated Cost:</b>	\$15,000-\$25,000
<b>Benefits:</b>	Prolonged fire/rescue operations and health/wellness for citizens
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Logan-Rogersville Fire Protection District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Budget, grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### LOGAN-ROGERSVILLE FIRE PROTECTION DISTRICT

**Goal:** To help protect the citizens in the Logan-Rogersville Fire Protection District during tornados and other severe weather.

**Action:** Provide proper storm sirens in locations that don't have coverage within the Logan-Rogersville Fire District

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornados
<b>Problem being Mitigated:</b>	There are areas currently not covered by storm sirens in the Logan-Rogersville Fire Protection District.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	LR Fire Goal 2
<b>Name of Action or Project:</b>	Logan-Rogersville Storm Sirens
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Varies
<b>Benefits:</b>	Early warning for citizens who currently cannot hear storm sirens, this can lead to citizens being hurt by storms. Extra sirens can protect the lives of citizens in the Logan-Rogersville Fire Protection District.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Logan-Rogersville Fire Protection District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-5 Years
<b>Potential Fund Sources:</b>	Fire District Budget, Grants, Local Funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### LOGAN-ROGERSVILLE FIRE PROTECTION DISTRICT

**Goal:** To protect the lives of the Logan-Rogersville Fire Protection District fire fighters and staff during severe weather and tornados.

**Action:** Provide a tornado shelter for the fire fighters and staff during times of severe weather and/or tornados

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornados
<b>Problem being Mitigated:</b>	The staff of the Logan-Rogersville Fire Protection District currently does not have proper sheltering during times of severe weather.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	LR Fire Goal 3
<b>Name of Action or Project:</b>	Logan-Rogersville Fire Protection District Shelter
<b>Mitigation Category:</b>	Infrastructure; Prevention
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Protection of lives during severe storms
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Logan-Rogersville Fire Protection District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Budget, Local Funds, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### LOGAN-ROGERSVILLE FIRE PROTECTION DISTRICT

**Goal:** To enhance training for the staff of the Logan-Rogersville Fire Protection District.

**Action:** Build a training facility that includes a training tower and other vital training resources.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The staff of the Logan-Rogersville Fire Protection District currently needs more training resources to make staff more prepared and trained for calls they may respond too.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	LR Fire Goal 4
<b>Name of Action or Project:</b>	Logan-Rogersville Fire Protection District Training Improvements
<b>Mitigation Category:</b>	Training; Prevention
<b>Estimated Cost:</b>	Cost varies by project
<b>Benefits:</b>	Enhanced training leads to better response to the citizens of the district.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Logan-Rogersville Fire Protection District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Budget, Local Funds, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### WALNUT GROVE FIRE PROTECTION DISTRICT

**Goal:** To ensure the continued protection of the public by limiting the loss of normal operations.

**Action:** Purchase generators large enough to power fire stations in the Walnut Grove Fire Protection District when severe weather is in the area.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Thunderstorms, Severe Winter Weather
<b>Problem being Mitigated:</b>	Power Outages to fire stations.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Walnut Grove Fire Goal 1
<b>Name of Action or Project:</b>	Generators for Walnut Grove Fire Protection District
<b>Mitigation Category:</b>	Prevention Systems Protection; Emergency Services
<b>Estimated Cost:</b>	\$27,000.00
<b>Benefits:</b>	No disruption in emergency response
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Walnut Grove Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	Within the next 12 months
<b>Potential Fund Sources:</b>	Fire Department Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New (in process of finding funds)
<b>Report of Progress:</b>	Trying to adjust budget to purchase Generator

## 4 - MITIGATION STRATEGY

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### WILLARD FIRE PROTECTION DISTRICT

**Goal:** To enhance emergency response by replacing the aging districts fleet.

**Action:** Design a new engine to replace the 2016 model, moving the 2016 to another station and retiring a 2001 model.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	Many of the district fleet reserve engines are approaching the 20 year mark and need to be replaced
ACTION OR PROJECT	
Action/Project Number:	Willard Fire 1
Name of Action or Project:	WFPD Fleet
Mitigation Category:	Infrastructure; Emergency Response
Estimated Cost:	\$600,000
Benefits:	Continuation of Emergency Services
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	Willard Fire Protection District
Supporting Organization/Department:	None
Action/Project Priority:	Medium
Timeline for Completion:	2 Years
Potential Fund Sources:	General Funding, Loan
PROGRESS REPORT	
Action Status:	New
Report of Progress:	Researching

## 4 - MITIGATION STRATEGY

### WILLARD FIRE PROTECTION DISTRICT

**Goal:** To continue rapid response by providing the district with new SCBS's district wide.

**Action:** Replace SCBA's and spare bottle before full expiration date is reached. Purchase compressor to fill bottles.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Self-Contained Breathing Apparatus (SCBA) are at the end of service life and need to be replaced.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Willard Fire 2
<b>Name of Action or Project:</b>	Willard Fire Protection District SCBA
<b>Mitigation Category:</b>	Emergency Services
<b>Estimated Cost:</b>	\$350,000
<b>Benefits:</b>	Continuation of fire suppression services
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2 Years
<b>Potential Fund Sources:</b>	Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	



## 4 - MITIGATION STRATEGY

### WILLARD FIRE PROTECTION DISTRICT

**Goal:** To enhance communications within the Willard Fire Protection District.

**Action:** Upgrade all portable and mobile radios to P25 status as well as purchase a radio capable of using multiband and MOSWIN.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Switch over to P25 System
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Willard Fire 3
<b>Name of Action or Project:</b>	WFPD Radio Upgrades
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	\$50,000
<b>Benefits:</b>	Continue to communicate with dispatch and surrounding agencies
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1 ½ Years
<b>Potential Fund Sources:</b>	General Funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

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### WILLARD FIRE PROTECTION DISTRICT

**Goal:** to protect and limit loss thru decreased response times.

**Action:** Staff Station 2 with 6 firefighters, 2 per shift.

RISK / VULNERABILITY	
Hazard(s) Addressed:	All Hazards
Problem being Mitigated:	Currently, the fire district lacks staffing causing higher response times in District 2.
ACTION OR PROJECT	
Action/Project Number:	Willard Fire 4
Name of Action or Project:	Willard Fire Protection District Staffing
Mitigation Category:	Emergency Services
Estimated Cost:	\$270,000
Benefits:	Decrease response time by providing 24 hour staffing.
PLAN FOR IMPLEMENTATION	
Responsible Organization/Department:	Willard Fire Protection District-EMD/Fire Chief
Supporting Organization/Department:	None
Action/Project Priority:	High
Timeline for Completion:	1 Year
Potential Fund Sources:	Grant Funding, General Funding
Local Planning Mechanisms to be Used in Implementation, if any:	None
PROGRESS REPORT	
Action Status:	New
Report of Progress:	

## 4 - MITIGATION STRATEGY

### WILLARD FIRE PROTECTION DISTRICT

**Goal:** To protect and limit loss of life and injury thru decreased response times.

**Action:** Build an addition to station 2 to include living quarters.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently the Willard Fire Protection District would like to improve response times.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Willard Fire 5
<b>Name of Action or Project:</b>	WFPD Response Times
<b>Mitigation Category:</b>	Emergency Services; Infrastructure and Structure Projects
<b>Estimated Cost:</b>	\$500,000
<b>Benefits:</b>	Decrease response time to district 2 by providing quarters for 24 hour staffing.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willard Fire Protection District-EMD/Fire Chief
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1 Year
<b>Potential Fund Sources:</b>	General Funding, Building Funds, Grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### ASH GROVE PUBLIC SCHOOL DISTRICT

**Goal:** To provide safety and security for the students, facility and/or citizens of the Ash Grove community.

**Action:** Build a FEMA Shelter that would also serve as a gym at one of the Ash Grove Schools.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornado
<b>Problem being Mitigated:</b>	There is a lack of shelter in case of a natural disaster in our area. A FEMA Shelter would provide safety and security for the students and residents of Ash Grove.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Ash Grove Schools Goal 1
<b>Name of Action or Project:</b>	Ash Grove Schools Storm Shelter
<b>Mitigation Category:</b>	Prevention; Structure and Infrastructure Projects
<b>Estimated Cost:</b>	\$500,000-\$1 Million
<b>Benefits:</b>	The benefit of a FEMA shelter would be to help save lives. Our area has had numerous tornados and severe storms come through just in the last year.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ash Grove School District-EMD/Superintendent
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2 Years
<b>Potential Fund Sources:</b>	Local district Funding, grant funding, federal funding
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching Ideas

## 4 - MITIGATION STRATEGY

### FAIR GROVE PUBLIC SCHOOL DISTRICT

**Goal:** To enhance safety of the school district buildings.

**Action:** Continue inserting access control points throughout the campus to obtain single point of entrances of the buildings.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Civil Unrest
<b>Problem being Mitigated:</b>	Currently the district does not have single point of entrances to the buildings. This is a safety concern for the students and staff.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Fair Grove Schools Goal 1
<b>Name of Action or Project:</b>	Fair Grove Schools Access Control
<b>Mitigation Category:</b>	Prevention;
<b>Estimated Cost:</b>	\$15,000
<b>Benefits:</b>	Prolonged fire/rescue operations, health/wellness for citizens, EOC/IC posts.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Fair Grove Public School District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	School District Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### FAIR GROVE PUBLIC SCHOOL DISTRICT

**Goal:** To ensure the facility and students remain safe during a power outage.

**Action:** Update, replace and get generators for the schools to help with power outages due to tornados, severe storms and winter weather.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornados, Severe Winter Weather, Severe Storms
<b>Problem being Mitigated:</b>	The district needs new generators for the school districts. The current ones are outdated and could be replaced.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Fair Grove Schools Goal 2
<b>Name of Action or Project:</b>	Fair Grove School Generators
<b>Mitigation Category:</b>	Prevention;
<b>Estimated Cost:</b>	\$20,000
<b>Benefits:</b>	Updated generators would keep critical infrastructure available for the students and staff during times of power outages. Updated generators would allow the school to be used as a shelter for the students and staff.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Fair Grove Public School District-EMD
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	School District Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### REPUBLIC SCHOOL DISTRICT

**Goal:** To limit the loss of life and injury to students and staff of the district during a tornado or straight line wind event.

**Action:** Build a high wind structure that will be attached to Schofield Elementary School.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado
<b>Problem being Mitigated:</b>	The Republic, MO area is often in the path of tornados. A high wind shelter would help reduce the loss of life and injury to the students and staff of the district.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Republic Schools Goal 1
<b>Name of Action or Project:</b>	Schofield High Wind Shelter
<b>Mitigation Category:</b>	Structure Project
<b>Estimated Cost:</b>	\$1.8 Million
<b>Benefits:</b>	The structure will help avoid the loss of life and reduce injuries of the students and staff of the Republic School District.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Republic School District, Operations Department, Executive Director of Operations
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Fall 2021
<b>Potential Fund Sources:</b>	District Capitol Funds, Grants if available
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### REPUBLIC SCHOOL DISTRICT

**Goal:** To limit the loss of life and injury to students and staff of the district during a tornado or straight line wind event.

**Action:** Build a high wind structure that will be attached to the Early Childhood building.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado
<b>Problem being Mitigated:</b>	The Republic, MO area is often in the path of Tornados. A high wind shelter would help reduce the loss of life and injury to the students and staff of the district.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Republic Schools Goal 2
<b>Name of Action or Project:</b>	Early Childhood High Wind Shelter
<b>Mitigation Category:</b>	Structure Project
<b>Estimated Cost:</b>	\$1.2 Million
<b>Benefits:</b>	The structure will help avoid the loss of life and reduce injuries of the students and staff of the Republic School District.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Republic School District, Operations Department, Executive Director of Operations
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	Fall 2021
<b>Potential Fund Sources:</b>	District Capitol Funds, Grants if available
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	



## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To protect the lives of the Springfield Public School students and faculty during severe weather and tornado events.

**Action:** Build FEMA Safe Rooms across the district to protect all students and staff from tornado and severe weather events.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornados, Severe Weather
<b>Problem being Mitigated:</b>	The Springfield Pubic School District is the largest school district in Greene County and serves over 25,000 students. Many of the schools within the district do not have proper sheltering for tornados and severe weather.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 1
<b>Name of Action or Project:</b>	Springfield Public Schools Shelters
<b>Mitigation Category:</b>	Prevention; Infrastructure Projects
<b>Estimated Cost:</b>	Cost varies depending on student population and location of shelter \$500,000-\$1.5 Million
<b>Benefits:</b>	Saving lives and preventing injury for students and staff during tornado events.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Tax, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Many shelters have been complete, waiting for funding to complete more throughout the district.

## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To enhance communications, response and transportation for the district.

**Action:** Purchase generators that can support the different critical facilities in the district.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Springfield Public School district is lacking generators in some of their critical facilities which can effect communications, response and transportation of their students.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 2
<b>Name of Action or Project:</b>	Springfield Public Schools Generators
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	30,000-200,000
<b>Benefits:</b>	Labor costs that are created from large power outages, day to day activities not being disturbed during an outages
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Tax, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching

## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To enhance response of facility during weather related events

**Action:** Purchase weather radios for all schools and essential personnel.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Weather Related Hazards
<b>Problem being Mitigated:</b>	The Springfield Public Schools currently lacks the appropriate amount of weather radios for essential personnel to monitor storms and other weather moving into the area.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 3
<b>Name of Action or Project:</b>	Springfield Public Schools Radios
<b>Mitigation Category:</b>	Response; Prevention
<b>Estimated Cost:</b>	\$500 each
<b>Benefits:</b>	Preparing the schools for weather events faster by having immediate information on weather events moving into the area.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-3 Years
<b>Potential Fund Sources:</b>	Tax, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching, waiting for funding

## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To prepare the students and staff members of the Springfield Public School District for all hazards.

**Action 1:** Continue Safety Audits with Springfield-Greene County Office of Emergency Management.

**Action 2:** Provide new education and training programs for students and staff members that provide information on all hazards.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Springfield Public School District serves a large, vulnerable population in Greene County. Public education programs could help prepare students and staff for all hazards Greene County is at risk for.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 4
<b>Name of Action or Project:</b>	Springfield Public Schools Education
<b>Mitigation Category:</b>	Public Education
<b>Estimated Cost:</b>	\$16,000 (Subject to Change)
<b>Benefits:</b>	Continuous education helps all staff and students be prepared for disasters to help prevent injury and death that disasters can cause. Education helps make disaster resilient communities.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Tax, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	Safety Audits happen yearly, with every school in the district getting an audit every three years.

## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To prevent flooding related injuries and damages to Jaret Middle School.

**Action:** Rebuild and relocate Jaret Middle Schools in an area that does not have flooding issues.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Flooding
<b>Problem being Mitigated:</b>	Jaret Middle School currently has major flooding issues including water coming up in the basement of the school during flooding events.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 5
<b>Name of Action or Project:</b>	Jaret Middle School Flooding
<b>Mitigation Category:</b>	Structure and Infrastructure Projects
<b>Estimated Cost:</b>	Researching
<b>Benefits:</b>	Preventing flooding related damages and injuries.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Tax, Bond, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Planning

## 4 - MITIGATION STRATEGY

### SPRINGFIELD PUBLIC SCHOOLS

**Goal:** To prevent cybercrimes and other cyber issues in the Springfield Public School District.

**Action 1:** Prepare all staff and equipment by using different cyber security methods including:

- Expanding Firewall Services
- Advanced Security Services
- Web Content Filtering
- Spam Filtering
- Anti-Virus Malware
- Mobile Device Management
- Data Loss Prevention
- Encrypted Traffic Inspection
- Multi-Factor authentication
- Cameras
- 800 MHz Radios
- Access Control Notifications

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Cyber
<b>Problem being Mitigated:</b>	Springfield Public Schools is at risk for experiencing cyber issues and attacks. The School District would like to make their users and equipment prepared for cyber incidents.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	SPS Goal 6
<b>Name of Action or Project:</b>	Springfield Public Schools Cyber Security
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Cost varies per program
<b>Benefits:</b>	Prevention of data loss, prevention of viruses on computer, maintaining education procedures for students, labor and equipment costs
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Springfield Public Schools-School Safety
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Tax, Budget, Grant
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Research, Waiting for funding

## 4 - MITIGATION STRATEGY

### STRAFFORD PUBLIC SCHOOL DISTRICT

**Goal:** To limit the loss of life and injury to students and staff of the district during a tornado or severe storm incident.

**Action:** Build storms shelters in all of the district's schools for students and faculty to use during tornados and severe storm incidents.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado, Severe Storms
<b>Problem being Mitigated:</b>	Strafford School District is lacking the proper sheltering for students and faculty during severe storms and tornados.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Strafford Schools Goal 1
<b>Name of Action or Project:</b>	Strafford Schools Storm Shelter
<b>Mitigation Category:</b>	Structure Project
<b>Estimated Cost:</b>	\$1.5-2 Million
<b>Benefits:</b>	The structure will help avoid the loss of life and reduce injuries of the students and staff of the Strafford School District.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Strafford School District-EMD/Superintendent
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Grant, Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuing
<b>Report of Progress:</b>	NOI currently submitted

## 4 - MITIGATION STRATEGY

### WALNUT GROVE PUBLIC SCHOOL DISTRICT

**Goal:** To protect the student and staff during school hours by updating and adding security feature to the school district buildings.

**Action 1:** Provide funds for the implementation of safety and security measure district-wide.

**Action 2:** Site development, construction, renovation, equipping and furnishing of a new elementary school classrooms and administration offices

**Action 3:** Development of a new drop-off/pick-up lane.

**Action 4:** The replacement of mechanical systems

**Action 5:** The completion of other remodeling and repair improvements to existing facilities.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Civil Unrest
<b>Problem being Mitigated:</b>	The Walnut Grove School District currently lacks secure vestibules at both the Elementary and High School entrances. This poses a security threat to both the students and staff.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Walnut Grove Schools Goal 1
<b>Name of Action or Project:</b>	Walnut Grove Secure Entrances
<b>Mitigation Category:</b>	Prevention; Infrastructure Projects;
<b>Estimated Cost:</b>	Cost varies per project
<b>Benefits:</b>	Protection of staff and students from multiple hazards
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Walnut Grove School District-EMD/Superintendent
<b>Supporting Organization/Department:</b>	Sapp Design Architects, Springfield MO
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2 -7 Years
<b>Potential Fund Sources:</b>	\$1.07 operating levy increase per \$100/ Assessed Valuation (\$4.5 Million)
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	



## 4 - MITIGATION STRATEGY

### WALNUT GROVE PUBLIC SCHOOL DISTRICT

**Goal:** To protect the students and staff during severe weather by providing a FEMA Safe Room.

**Action:** Construct a FEMA Safe Room at one of the schools that would protect the students and staff member during severe weather.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Thunderstorms, Tornadoes
<b>Problem being Mitigated:</b>	The Walnut Grove School District currently lacks proper sheltering for students and staff during severe weather and tornadoes.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Walnut Grove Schools Goal 2
<b>Name of Action or Project:</b>	Walnut Grove School District Safe Room
<b>Mitigation Category:</b>	Prevention; Infrastructure Projects;
<b>Estimated Cost:</b>	\$1.2 Million
<b>Benefits:</b>	Protection of staff and students from severe weather, prevention of injury, protection of life
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Walnut Grove School District-EMD/Superintendent
<b>Supporting Organization/Department:</b>	Sapp Design Architects, Springfield MO
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	2 -7 Years
<b>Potential Fund Sources:</b>	\$1.07 operating levy increase per \$100/ Assessed Valuation (\$4.5 Million)
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### WILLARD PUBLIC SCHOOL DISTRICT

**Goal:** To provide shelter for the Willard School District Students and faculty during severe storms and tornado events.

**Action:** Build a FEMA Shelter for the High School Population and other locations as desired.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Tornado, Severe Thunderstorms
<b>Problem being Mitigated:</b>	Currently, The Willard School District does not have adequate shelter for their student population and faculty.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	Willard Schools 1
<b>Name of Action or Project:</b>	Willard Public School District Storm Shelters
<b>Mitigation Category:</b>	Prevention; Struture and Infrastruture Projects
<b>Estimated Cost:</b>	\$1.5-2.0 Million
<b>Benefits:</b>	Protect the student and faculty lives of the schools from frequent storms that occur in the Willard area
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Willared School District-EMD/Superintendent
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-3 Years
<b>Potential Fund Sources:</b>	Budget, Tax, Grants
<b>Local Planning Mechanisms to be Used in Implementation, If any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To improve Missouri State University's in-building emergency notification system.

**Action 1:** Integrate existing fire alarm panels into Mass Notification Systems.

**Action 2:** Provide Interconnectivity to Public Address Systems.

**Action 3:** Provide dispatch access to mass notification via voice phones in buildings.

**Action 4:** Provide dispatch access to mass notifications via video monitors in buildings.

**Action 5:** Add desk top pop up notifications to Mass Notification System.

**Action 6:** Create design standards for all new and renovated facilities.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently, the in building notification system for students and facility could be more efficient. By improving the systems for the University students, staff and responders can receive information faster.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 1
<b>Name of Action or Project:</b>	Missouri State University Safety Awareness Improvements
<b>Mitigation Category:</b>	Prevention; Emergency Services; Awareness
<b>Estimated Cost:</b>	Cost depends on the different objective (Listed in the section above)
<b>Benefits:</b>	Educating the students and staff faster, getting response to the University quicker, providing a safe environment for students and staff
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium-High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To improve Missouri State University's outside Emergency Notification System.

**Action 1:** Upgrade/replace outdoor emergency notifications systems.

**Action 2:** Provide dispatch access to mass notifications via video board systems.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	Currently, the outdoor notification system for students and facility could be more efficient. By improving the systems for the University students, staff and responders can receive information faster.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 2
<b>Name of Action or Project:</b>	Missouri State University Outdoor Safety Awareness
<b>Mitigation Category:</b>	Prevention; Emergency Services; Awareness
<b>Estimated Cost:</b>	Cost varies (researching)
<b>Benefits:</b>	Educating the students and staff faster, getting response to the University quicker, providing a safe environment for students and staff, providing dispatch with instant information.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Missouri State Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To develop and strengthen the Emergency Plans for Missouri State University.

**Action 1:** Continuous updates of MSU Emergency Operations Plans.

**Action 2:** Develop Continuity of Operations Plan and Business Continuity Plan.

**Action 3:** Develop hazard specific response plans.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All Hazards
<b>Problem being Mitigated:</b>	The Missouri State University's Emergency Plans need to be updated on a regular basis in order to be the most efficient. More plans need to be developed to address business continuity and hazard specific response.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 3
<b>Name of Action or Project:</b>	Missouri State University Emergency Plans
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Labor costs of staff working on plans.
<b>Benefits:</b>	Emergency plans help prepare students and staff for potential threats, the more specific up to date, the more effective.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium-High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	Continuous
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To develop training opportunities at Missouri State University

**Action 1:** Provide emergency training to campus community.

**Action 2:** Develop and revise training curriculum.

**Action 3:** Incorporate safety training for all new staff/faculty/students.

**Action 4:** Develop and fill training position in Office of University Safety.

**Action 5:** Identify mid-campus location for Office of University Safety.

**Action 6:** Office of University Safety facility to include:

- a) Safety
- b) Springfield Police Substation
- c) Dispatch
- d) Emergency Preparedness
- e) Transportation
- f) Training Facility

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All
<b>Problem being Mitigated:</b>	Missouri State University needs to expand their training to become more prepared for disasters and crisis on campus. By adding additional training for staff and students, more of the campus population will be educated in proper procedures when they are needed.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 4
<b>Name of Action or Project:</b>	Missouri State University Training Opportunities
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Cost will vary by objective (Listed above)
<b>Benefits:</b>	Enhance the training for Safety and Security staff to be more prepared in times of crisis.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium-High
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To test Missouri State University's emergency plans to ensure competencies and identify gaps.

**Action 1:** Annually participate in one county-wide full scale exercise.

**Action 2:** Annually develop and conduct two campus table-top exercises for Policy Group at MSU.

**Action 3:** Annually conduct one full-scale exercise including community first responders.

**Action 4:** Annually conduct at least one exercise at the department level.

**Action 5:** Create/improve specific facility response plans.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All
<b>Problem being Mitigated:</b>	Missouri State University has many emergency plans to ensure the campus is prepared for many different types of crisis. The University would like to annually test these plans to ensure they are efficient.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 5
<b>Name of Action or Project:</b>	Missouri State University's Emergency Plans
<b>Mitigation Category:</b>	Prevention; Preparedness; Awareness
<b>Estimated Cost:</b>	Staff Labor Costs
<b>Benefits:</b>	Ensure that campus plans work like they are designed to do. Help prepare students and staff for crisis.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	1-5 Years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### MISSOURI STATE UNIVERSITY

**Goal:** To identify and establish an Emergency Operation Center on the MSU Campus.

**Action 1:** Identify needs of an operational EOC.

**Action 2:** Identify space options on MSU Campus.

**Action 3:** Identify funding sources for EOC.

**Action 4:** Implement operation of new EOC.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All
<b>Problem being Mitigated:</b>	Missouri State University is lacking an Emergency Operations Center (EOC) that would be used for multi-agency collaboration during times of crisis.
ACTION OR PROJECT	
<b>Applicable Goal Statement:</b>	To identify and establish and Emergency Operations Center on the MSU Campus.
<b>Action/Project Number:</b>	MSU Goal 6
<b>Name of Action or Project:</b>	Missouri State University EOC
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Cost would depend on if new infrastructure would have to be built
<b>Benefits:</b>	Centralized place on campus for emergency responders and officials to collaborate in times of disasters or crisis.
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium-High
<b>Timeline for Completion:</b>	1-5 years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	



## 4 - MITIGATION STRATEGY

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### MISSOURI STATE UNIVERSITY

**Goal:** To protect the lives of the Missouri State University Students and staff.

**Action:** Build and establish large safe rooms across the MSU campus for students and staff.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Weather, Tornado
<b>Problem being Mitigated:</b>	A large population on the Missouri State University Springfield Campus do not have a place to properly shelter during severe weather and tornados.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	MSU Goal 7
<b>Name of Action or Project:</b>	Missouri State Safe Rooms
<b>Mitigation Category:</b>	Prevention
<b>Estimated Cost:</b>	Each safe room could vary by cost, depending on the size and location of the shelter. \$500,000-\$1 Million
<b>Benefits:</b>	Protect student and faculty lives
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Missouri State University-Emergency Management Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	3-5 Years
<b>Potential Fund Sources:</b>	Missouri State University Budget
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	

## 4 - MITIGATION STRATEGY

### OZARK TECHNICAL COMMUNITY COLLEGE

**Goal:** To provide backup power to the new Republic Campus when any hazard causes a power-outage.

**Action:** To purchase generator(s) that would be large enough to power the entire republic campus.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	Severe Storms, Tornados, Power Outage
<b>Problem being Mitigated:</b>	OTC is building a campus in Republic that currently does not have back up power in the instance of a power outage.
ACTION OR PROJECT	
<b>Action/Project Number:</b>	OTC Goal 1
<b>Name of Action or Project:</b>	OTC Generators
<b>Mitigation Category:</b>	Prevention; Infrastructure
<b>Estimated Cost:</b>	\$15,000-\$20,000
<b>Benefits:</b>	Stability to continue education when severe storms may affect power, being able to shelter at the campus if needed
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ozark Technical Community College-Safety and Security Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	High
<b>Timeline for Completion:</b>	1-2 Years
<b>Potential Fund Sources:</b>	Budget, grants
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New-Campus is currently being built
<b>Report of Progress:</b>	Research

## 4 - MITIGATION STRATEGY

### OZARK TECHNICAL COMMUNITY COLLEGE

**Goal:** To create a space for advancement manufacturing

**Action:** Construct a new Center for Advancement Manufacturing building for the OTC community.

RISK / VULNERABILITY	
<b>Hazard(s) Addressed:</b>	All
<b>Problem being Mitigated:</b>	OTC needs more space for growth
ACTION OR PROJECT	
<b>Action/Project Number:</b>	OTC Goal 2
<b>Name of Action or Project:</b>	OTC CAM Building
<b>Mitigation Category:</b>	Infrastructure
<b>Estimated Cost:</b>	Unknown
<b>Benefits:</b>	Added space for future development of the campus
PLAN FOR IMPLEMENTATION	
<b>Responsible Organization/Department:</b>	Ozark Technical Community College-Safety and Security Department
<b>Supporting Organization/Department:</b>	None
<b>Action/Project Priority:</b>	Medium
<b>Timeline for Completion:</b>	2-5 Years
<b>Potential Fund Sources:</b>	Grants, Budget, General Funds
<b>Local Planning Mechanisms to be Used in Implementation, if any:</b>	None
PROGRESS REPORT	
<b>Action Status:</b>	New
<b>Report of Progress:</b>	Researching