

Implementation Status Worksheet



Jurisdiction/Agency: _____

In order to secure funding for hazard mitigation, jurisdictions must demonstrate that they made an effort to implement mitigation measures they agreed to in previous Hazard Mitigation Plans. The Implementation Status Worksheet is a tool to assess the status of the measures by jurisdiction from the last update.

The worksheet states the mitigation measure, who was the lead responsibility to carry out the measure, if the measure was completed or not, if it was not completed – why it was not completed, and if it was completed – the estimated cost and funding source.

Please complete the worksheet as completely as possible. The table has been sorted by Lead Responsibility in order to aid you in obtaining the information from the individuals in charge of the different measures.

Goals, Objectives and Mitigation Measures

Each measure that the jurisdiction chose to try to implement is listed in the table. Please read the description and answer the questions in reference to the measure.

Lead Responsibility for Carrying Out Measure

During the writing of the previous update a person, department or agency was listed as taking the lead on implementing a measure. Some measures have multiple people/departments listed. Each person/department listed on a measure has the measure listed under their designation. If a lead responsibility is listed wrong, please correct the listing and have them state if the measure was completed.

Completed Yes/No

State whether the measure was completed or not. It is possible the measure is one that does not end – therefore ongoing. In that instance mark it not complete. In the next cell under Reason Not Complete you can put OM for ongoing measure.

Reason Not Completed

Sometimes when the measures are chosen during the planning stage, individuals think some measures are possible, but they are not implemented for a variety of reasons. Either the person did not realize the technical expertise was not available, money had to be spent elsewhere, someone left a position and the position was not filled, etc. In order to decide if a measure is worth pursuing in the next five years, we must know why the measure was not completed in the last five years. Provide justification for why a measure was not implemented. On-going Measure (OM), Lack of Funding(LOF), Administrative Shortage (AS), Lack of Political Support (LOPS), Not Technically Feasible (NTF), or No Legal Authority (NLA). You may use the reason's abbreviation when filling out the form.

If Completed

Provide the estimated cost and funding source if the measure was completed. If there was no additional cost for the measure, put N/A.

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				Ongoing Measure (OM), Lack of Funding (LOF), Administrative Shortage (AS), Lack of Political Support (LOPS), Not Technically Feasible (NTF), No Legal Authority (NLA)	Estimated Cost	Funding Source
2.9.2	Continue to support the Area 2 Region Public Health Team in planning and training events such as the Drive-Thru-Flu clinic Exercise, Point of Distribution SNS Exercises and other MMRS activities.	Alabama Dept Of Public Health				
2.9.3	Identify and secure resources to build the appropriate medical stockpile of medicines and medical supplies to address sizable epidemics through the MMRS-SNS and Area 2 Public Health Plans	Alabama Dept Of Public Health				
3.7.13	Educate staff members on proper mitigation measures of pandemic preparedness	All Dept				
2.6.7	Encourage the enhancement of the security of areas surrounding public facilities. Such measures include replacing or removing landscaping that provides cover for attacks, installing motion activated lighting, secure parking lots through fencing and adequate lighting.	All Depts				
2.6.8	Encourage structural changes to secure the buildings, i.e., replace vulnerable doors, install automatic door locks for after hours, install alarms and panic alarms, install CCTVs throughout facilities	All Depts				
2.6.10	Minimize visitors' access to buildings and provide badges.	All Depts				
2.8.10	Ensure all public buildings have a refuge plan of where to send people during times of disasters. Encourage posting of the plan in places accessible to the public.	All Depts				

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3.5.7	Provide emergency preparedness information and resources for the protection and care of animals during extended periods of extreme heat or cold.	Animal Control				
1.10.5	Encourage water suppliers to assess vulnerability of existing supply systems and share that information with local governments.	Boaz City Council				
1.4.4	Through local subdivision and land development regulations require the placement of all new utility lines underground for large residential subdivisions and commercial developments.	Building Dept				
1.3.2	Update zoning regulations to include maximum impervious surface standards for non-residential developments.	Building Dept				
1.11.4	Provide property assessments of areas impacted by hazards for damage/incident reports. If applicable, add to GIS mapping.	Building Dept				
3.7.6	Educate homeowners about structural and non-structural retrofitting of homes vulnerable to certain hazards.	Building Dept				
1.4.1	Promote good construction practices and proper code enforcement to mitigate structural failures during disaster events.	Building Dept				
1.4.3	Evaluate and revise as appropriate, building codes for roof construction to maximize protection against wind damage from hurricanes, tornadoes, and severe storms; encourage installation of "hurricane clips."	Building Dept				

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1.4.6	Require the construction of safe rooms within new public buildings, such as new schools, libraries, community centers, and other public buildings by amending applicable ordinances and regulations.	Building Dept				
1.6.1	Apply for membership in the CRS Program; continue to upgrade rating.	Building Dept				
1.8.1	Examine regulatory options and feasibility of requiring open space areas for drainage control, recreation, and landscaping.	Building Dept				
1.11.2	Mark depths of flooding and storm surge immediately after each event and record the data with GIS mapping if available.	Building Dept				
2.6.6	Encourage the planting of species that are less susceptible to damage and ensure that trees are planted far from above ground utility lines and buildings.	Building Dept				
2.8.6	Construct new community safe rooms in accessible locations and add safe rooms within new and existing public and institutional buildings, such as schools, colleges and universities, senior centers, community centers, hospitals, and government buildings.	Building Dept				
2.8.8	Encourage the construction of safe rooms in new and existing homes and buildings.	Building Dept				
3.2.1	Provide technical assistance to owners of vulnerable buildings to advise on available building retrofits to protect against hazards damages.	Building Dept				

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3.3.1	Publicize the availability of FIRM information to real estate agents, builders, developers, and homeowners through local trade publications, newspaper announcements and other media related outreach events.	Building Dept				
3.3.2	Inform builders and property owners about complying with the latest NFIP standards.	Building Dept				
3.5.1	Through local libraries, maintain and distribute free and current publications from FEMA, NWS, USGS, and other federal and state agencies.	Building Dept				
3.5.2	Distribute FEMA Publication 320 - Taking Shelter from the Storm: Building a Safe Room in Your House - through building permit and inspection offices.	Building Dept				
4.2.2	Keep builders and developers informed of Federal wetlands permitting requirements of the Corps of Engineers.	Building Dept				
4.2.3	Adopt and/or enforce regulations prohibiting dumping and littering within river and stream corridors.	Building Dept				
1.14.1	Maintain and update emergency operations plans.	Building Dept				
1.9.1	Review and revise as necessary, landscaping standards for parking lots that reduce the size of impervious surfaces and encourage natural infiltration of rainwater.	Building Dept				

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1.11.8	Establish a uniform damage reporting procedure for Boaz to utilize with the Marshall County Emergency Management Agency as the clearinghouse for damage assessment data following disaster events.	Building Dept				
1.4.2	Establish and enforce minimum property maintenance standards that reduce or eliminate unsafe structures.	Building Dept				
3.6.5	Develop a fire safety, protection, and prevention outreach program for builders, developers, and the general public.	Building Dept				
1.3.5	Require delineation of floodplain fringe, floodways, and wetlands on all plans submitted with a permit for development within a floodplain.	Building Dept				
1.3.4	Evaluate additional land use restrictions within designated flood zones, such as prohibition of storage of buoyant materials, storage of hazardous materials, and restrictive development of flood ways, among others.	Building Dept				
1.7.2	Develop, adopt, and implement subdivision regulations that require proper stormwater infrastructure design and construction.	Building Dept Planning Comm				
1.7.1	Promote the adoption/enforcement of storm water management regulations that maintain pre-development runoff rates.	Building Dept Planning Comm				
1.5.1	Assist the state in promoting the adoption of a uniform flood hazard prevention ordinance among all NFIP communities.	Building Dept/ Flood Plain Managers				

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1.3.6	Enact local ordinances that require community storm shelters within sizeable mobile home parks, apartment complexes, RV parks and other planned communities.	Building Inspector				
1.3.1	Require/encourage new subdivisions to implement fire reduction measures such as maintaining minimum intervals between structures, providing firebreaks, on-site water storage, wide roads and multiple accesses are measures to reduce fire risks.	Building Inspector				
1.1.2	Integrate the findings and recommendations of this hazard mitigation plan into comprehensive plan amendments for jurisdictions with active comprehensive planning programs.	City Admin				
3.1.1	Distribute the 2020 plan to local officials, stakeholders, and interested individuals through internet download.	City Admin				
3.4.2	Partner with insurance companies to disseminate information on hazards to citizens; i.e., availability of flood insurance in flood prone areas.	City Admin				
3.5.3	Distribute outreach materials to citizens, builders and business owners inquiring about flood problems or other flood related questions.	City Admin				
3.7.11	Educate the public about existing flood warning systems such as Everbridge	City Admin				

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3.9.1	Review existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Install new warning sirens in accordance with the plan recommendations.	City Admin				
3.9.2	Upgrade siren-warning systems.	City Admin				
3.10.3	Distribute weather radios and emergency response instructions to municipal residents and businesses.	City Admin				
3.10.4	Promote the use of weather radios in households and businesses.	City Admin				
3.11.3	Expand the use of city-sponsored websites to disseminate hazard mitigation information.	City Admin				
1.4.6	Require the construction of safe rooms within new public buildings, such as new schools, libraries, community centers, and other public buildings by amending applicable ordinances and regulations.	City Gov				
3.6.1	Continue to participate in environmental awareness events to provide the public information on hazard exposure and mitigation measures, such as City/County Day, Hurricane Awareness Week, and severe Weather Week.	City Gov				
3.11.1	Maintain appropriate media relationships to ensure the public is informed of hazard threats and means to mitigate property damages and/or loss of life.	City Gov				

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1.13.1	Support legislation to enact regulations for the timber industry to conduct prescribed burns after clearing land to lessen the possibility of wildfires.	City Gov				
2.6.2	Encourage the relocation of existing utility lines underground, where feasible and cost effective.	City Gov				
2.8.5	Evaluate the need for severe weather plans and shelters in essential facilities and other establishments serving the public (e.g., schools, hospitals, and critical facilities).	City Govt				
2.8.6	Construct new community safe rooms in accessible locations and add safe rooms within new and existing public and institutional buildings, such as schools, colleges and universities, senior centers, community centers, hospitals, and government buildings.	City Govt				
2.8.2	Review existing public shelters and safe rooms and recommend new locations if and where there are coverage gaps. Include evaluations on ADA compliance and sheltering of animals.	City Govt				

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1.4.7	Encourage state lawmakers along with the homebuilder's association, home builder's licensure board, and the Alabama General Contractors Board to pass a regulation requiring the establishment of building safety departments at the county to level to enforce safer building practices in unincorporated areas, to assist in eliminating blight and substandard, unsafe housing.	City Govt				
2.4.1	Retrofit existing buildings against potential damages from natural and human-caused hazards.	Dept Heads				
3.7.9	Educate employees in critical facilities about cybersecurity.	Dept Heads				
3.7.10	Enhance public safety through awareness and outreach materials to the public with regards to pandemics.	Dept Heads				
1.10.4	Perform annual penetration and vulnerability assessments of log files and wire data.	Economic Director				
3.8.11	Expand or participate in expanding traditional disaster exercises involving city and county emergency personnel to include airport and port personnel, infrastructure providers, hospitals, schools, and major employers.	EMA				
2.8.1	Work with city and county leaders in developing standardized procedures for identifying shelters as pre-disaster and post-disaster shelters or safe rooms.	EMA				

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2.8.5	Evaluate the need for severe weather plans and shelters in essential facilities and other establishments serving the public (e.g., schools, hospitals, and critical facilities).	EMA				
3.10.2	Require/encourage the installation of weather radios in all public buildings and places of public assembly.	EMA				
1.11.5	Develop a centralized database of all safe rooms and shelters, both pre-disaster and post-disaster, open to the public for all jurisdictions. Include and update those locations in GIS if applicable.	EMA / STATE				
2.6.11	Monitor inflow/outflow of network activity on computer systems in critical facilities to protect against cyberterrorism.	Farmers Telecom				
2.6.12	Utilize the DHS' free assessment tool for cybersecurity for local governments to find weak areas in cybersecurity and address the issues found.	Farmers Telecom				
1.11.6	Keep up-to-date lists of addresses with private safe rooms and shelters to assist fire departments and emergency services agencies. Coordinate the distribution of these lists to the appropriate local government officials.	Fire Dept				
1.11.7	Maintain a listing of locations of special needs groups, including the elderly and those with Alzheimer's. Disseminate that information to emergency personnel.	Fire Dept				

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1.4.6	Require the construction of safe rooms within new public buildings, such as new schools, libraries, community centers, and other public buildings by amending applicable ordinances and regulations.	Fire Dept				
1.4.5	Review fire safety ordinances to ensure they properly regulate open burning.	Fire Dept				
3.10.1	Continue to promote the purchase and usage of NOAA weather radios in all schools, assisted living facilities, hospitals, nursing homes, day care facilities, churches, businesses, industries, and the general public, especially in homes with no outdoor warning siren coverage.	Fire Dept				
3.6.5	Develop a fire safety, protection, and prevention outreach program for builders, developers, and the general public.	Fire Dept				
2.8.1	Work with city and county leaders in developing standardized procedures for identifying shelters as pre-disaster and post-disaster shelters or safe rooms.	Fire Dept				
1.2.7	Assist the Alabama Forestry Commission with their Community Wildfire Plan for Marshall County and its jurisdictions.	Fire Dept				
1.11.4	Provide property assessments of areas impacted by hazards for damage/incident reports. If applicable, add to GIS mapping.	Fire Dept				

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1.11.8	Establish a uniform damage reporting procedure for Boaz to utilize with the Marshall County Emergency Management Agency as the clearinghouse for damage assessment data following disaster events.	Fire Dept				
2.9.2	Continue to support the Area 2 Region Public Health Team in planning and training events such as the Drive-Thru-Flu clinic Exercise, Point of Distribution SNS Exercises and other MMRS activities.	Fire Dept				
2.9.3	Identify and secure resources to build the appropriate medical stockpile of medicines and medical supplies to address sizable epidemics through the MMRS-SNS and Area 2 Public Health Plans	Fire Dept				
1.13.2	Encourage programs to conduct prescribed burns of large undeveloped areas of downed trees from disaster events to lessen the possibility of wildfires.	Fire Dept				
2.8.3	Work with the American Red Cross (ARC) in developing "Memorandums of Understanding" (MOUs) with facility owners that serve as shelters.	Fire Dept				
2.8.4	Determine how to accommodate individuals with special needs both in the emergency operations plan for the shelter or safe room and in the design of the shelter or safe room, including compliance with the American with Disabilities Act (ADA).	Fire Dept				

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2.8.5	Evaluate the need for severe weather plans and shelters in essential facilities and other establishments serving the public (e.g., schools, hospitals, and critical facilities).	Fire Dept				
2.8.6	Construct new community safe rooms in accessible locations and add safe rooms within new and existing public and institutional buildings, such as schools, colleges and universities, senior centers, community centers, hospitals, and government buildings.	Fire Dept				
3.5.8	Provide outreach materials regarding the appropriate actions to take in the event of a hazardous material release.	Fire Dept				
3.8.4	Enhance and expand training of fire departments in wildfire hazard areas.	Fire Dept				
3.8.11	Expand or participate in expanding traditional disaster exercises involving city and county emergency personnel to include airport and port personnel, infrastructure providers, hospitals, schools, and major employers.	Fire Dept				
3.9.1	Review existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Install new warning sirens in accordance with the plan recommendations.	Fire Dept				
3.9.2	Upgrade siren-warning systems.	Fire Dept				
3.9.3	Upgrade critical communications infrastructure.	Fire Dept				

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3.9.4	Enter in agreements with surrounding jurisdictions to upgrade communications to the Project 25 Radio system.	Fire Dept				
3.9.5	Create a backup site with communications equipment for 911 services.	Fire Dept				
3.9.6	Develop the capability to re-route communications from one jurisdiction's 911 communication tower to another jurisdiction's in the event of tower failure.	Fire Dept				
3.9.7	Coordinate with utilities and transportation authorities to improve rapid communications between emergency services and the private sector when basic services might be disrupted during extended periods due to disasters.	Fire Dept				
3.9.8	Establish procedures to warn facilities storing hazardous materials when a hazard event is likely to impact the facility to ensure safety procedures are enacted.	Fire Dept				
3.9.9	Evaluate the need for a unified fire advisory system to identify fire risk during extended periods of extreme heat.	Fire Dept				
1.3.1	Require/encourage new subdivisions to implement fire reduction measures such as maintaining minimum intervals between structures, providing firebreaks, on-site water storage, wide roads and multiple accesses are measures to reduce fire risks.	Fire Dept				

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1.2.5	Inventory and map existing fire hydrants and piping throughout the city and identify areas in need of new fire hydrants and/or areas of insufficient water pressure for fire suppression.	Fire Dept				
1.14.1	Maintain and update emergency operations plans.	Fire Dept				
1.5.2	Develop guidelines for management of development around flood prone areas and other areas of high flood mitigation values, such as, wetlands, floodplain corridors, upland storage, closed depressional basins and areas of high filtration potential.	Flood Plain Managers				
1.5.6	Maintain a library of technical assistance and guidance materials to support the local floodplain manager.	Flood Plain Managers				
1.5.8	Update local floodplain ordinance for compliance with current NFIP standards.	Flood Plain Managers				
1.5.9	Continue ongoing relations with the State NFIP Coordinator in relation to floodplain management.	Flood Plain Managers				
1.2.1	Carry out detailed planning and engineering studies for sub-basins in critical flood hazard areas to determine watershed-wide solutions to flooding.	Flood Plain Managers				
1.2.2	Evaluate elevation and culvert sizing of existing roadways in flash flood prone areas to ensure compliance with current standards for design year floods and develop a program for construction upgrades as appropriate.	Flood Plain Managers				

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1.5.4	Train local floodplain managers through programs offered by the State Floodplain Coordinator and FEMA's training center in Emmitsburg, Maryland.	Flood Plain Managers				
1.5.5	Maintain membership for locally designated floodplain managers in the Association of State Floodplain Managers and the Alabama Association Floodplain Managers and encourage active participation.	Flood Plain Managers				
4.3.1	Utilize technical assistance available from the Alabama Cooperative Extension System with Best Management Practices (BMP).	Flood Plain Managers				
1.5.3	Improve flood risk assessment by monitoring flood events and damages, documenting high water marks post event, verification of FEMA's repetitive loss inventory and revising and updating regulatory floodplain maps.	Floodplain Manager				
3.6.2	Distribute material via the internet and other media, and other outreach activities and workshops to encourage families and individuals to implement hazard mitigation measures in their homes.	IT Dept				
2.6.9	Install a public address system throughout public buildings for hazard warnings and shelter-in-place announcements.	IT Dept				
2.7.2	Deploy portable generators to serve as miniature sub-stations to help rapidly restore power to at-risk citizens after a hazard event.	Local Electrical Utilities				

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1.11.9	Establish a data management system to identify drought-related agricultural losses so subsidy programs can be utilized to their full advantage.	Local Governments and Associate Associations				
2.6.5	Conduct tree trimming programs along utility lines.	Marshall Dekalb Electrical Coop Alabama Power and Cherokee Electric coop				
2.9.2	Continue to support the Area 2 Region Public Health Team in planning and training events such as the Drive-Thru-Flu clinic Exercise, Point of Distribution SNS Exercises and other MMRS activities.	Marshall Medical Board				
2.9.3	Identify and secure resources to build the appropriate medical stockpile of medicines and medical supplies to address sizable epidemics through the MMRS-SNS and Area 2 Public Health Plans	Marshall Medical Board				
2.8.9	Determine which areas at important facilities such as schools and daycare centers are the best locations for occupants during a disaster. Identify and provide directions to the designated "safe place."	Mayor & Council				
2.9.1	Increase collaboration between government and community organizations regarding containment and response plans for epidemic events involving humans.	Mayor & Council				

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3.8.6	Promote training and attendance by employees at conferences and webinars sponsored by agencies such as FEMA, DHS, APHD, AEMA and the Marshall County EMA.	Mayor & Council				
1.10.4	Perform annual penetration and vulnerability assessments of log files and wire data.	Personnel Director				
1.1.1	Maintain up-to-date comprehensive plan.	Planning Commission				
4.2.1	Protect wetlands by preventing unsound development that would change their natural condition.	Planning Commission				
2.7.1	Install or encourage the installation of backup power generators for critical facilities, including radio stations, and fuel stations.	Planning Commission				
1.3.1	Require/encourage new subdivisions to implement fire reduction measures such as maintaining minimum intervals between structures, providing firebreaks, on-site water storage, wide roads and multiple accesses are measures to reduce fire risks.	Planning Commission				
4.1.1	Increase open space acquisitions through the FEMA HMA Grant Programs and other floodplain acquisition efforts.	Planning Commission				
1.2.4	Identify existing culturally or socially significant structures within participating jurisdictions that have the most potential for losses from disaster events and identify needed structural upgrades.	Planning Commission				

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2.8.1	Work with city and county leaders in developing standardized procedures for identifying shelters as pre-disaster and post-disaster shelters or safe rooms.	Planning Commission				
2.8.5	Evaluate the need for severe weather plans and shelters in essential facilities and other establishments serving the public (e.g., schools, hospitals, and critical facilities).	Planning Commission				
1.4.4	Through local subdivision and land development regulations require the placement of all new utility lines underground for large residential subdivisions and commercial developments.	Planning Comm				
1.3.2	Update zoning regulations to include maximum impervious surface standards for non-residential developments.	Planning Comm				
2.8.3	Work with the American Red Cross (ARC) in developing "Memorandums of Understanding" (MOUs) with facility owners that serve as shelters.	Police Dept				
2.8.4	Determine how to accommodate individuals with special needs both in the emergency operations plan for the shelter or safe room and in the design of the shelter or safe room, including compliance with the American with Disabilities Act (ADA).	Police Dept				

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2.8.6	Construct new community safe rooms in accessible locations and add safe rooms within new and existing public and institutional buildings, such as schools, colleges and universities, senior centers, community centers, hospitals, and government buildings.	Police Dept				
3.7.2	Educate students and the public about the “See Something, Say Something” program, including who to contact about suspicions.	Police Dept				
3.8.7	Encourage completion of the online course FEMA IS-907 on active shooters by employees in critical facilities.	Police Dept				
3.8.8	Encourage the participation of groups in programs offered by the Department of Homeland Security; such as courses on Targeted Violence and Terrorism Prevention.	Police Dept				
3.8.9	Encourage local agricultural businesses to participate in the Strategic Partnership Program for agroterrorism programs.	Police Dept				
1.11.8	Establish a uniform damage reporting procedure for Boaz to utilize with the Marshall County Emergency Management Agency as the clearinghouse for damage assessment data following disaster events.	Police Dept				
1.14.1	Maintain and update emergency operations plans.	Police Dept				

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1.10.3	Inspect security measures around critical facilities for areas of concern (i.e., cut away areas in security fencing, inoperable cameras) and develop a plan to address the concerns.	Police Dept				
1.11.1	Maintain a hazards and risk assessment database that is accessible to local planners and emergency management personnel, including such data as, flood zones (FIRM), geohazards, tornado tracks, disaster events and their extents, major drainage structures and a comprehensive inventory of critical facilities, including points of distribution within all jurisdictions. If applicable, add to GIS mapping.	Public Safety				
2.8.11	Establish mutual agreements with other jurisdictions and agencies to help with sheltering of animals during disasters.	Rec Center Director				
2.8.12	Evaluate existing public shelters and safe places for areas for sheltering pets.	Rec Center Director				
2.8.13	Evaluate future plans for public shelters and safe places for sheltering pets.	Rec Center Director				
1.14.1	Maintain and update emergency operations plans.	Schools				
1.10.1	Perform vulnerability assessments of critical facilities, including education facilities, to identify retrofit projects to improve the safety of occupants and mitigate damages from hazards; i.e., protective film inside windows.	Schools				
1.10.6	Establish Threat Assessment Teams on each campus.	Schools				

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2.6.7	Encourage the enhancement of the security of areas surrounding public facilities. Such measures include replacing or removing landscaping that provides cover for attacks, installing motion activated lighting, secure parking lots through fencing and adequate lighting.	Schools				
2.6.8	Encourage structural changes to secure the buildings, i.e., replace vulnerable doors, install automatic door locks for after hours, install alarms and panic alarms, install CCTVs throughout facilities	Schools				
2.6.9	Install a public address system throughout public buildings for hazard warnings and shelter-in-place announcements.	Schools				
2.6.10	Minimize visitors' access to buildings and provide badges.	Schools				
2.8.2	Review existing public shelters and safe rooms and recommend new locations if and where there are coverage gaps. Include evaluations on ADA compliance and sheltering of animals.	Schools				
2.8.5	Evaluate the need for severe weather plans and shelters in essential facilities and other establishments serving the public (e.g., schools, hospitals, and critical facilities).	Schools				

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2.8.6	Construct new community safe rooms in accessible locations and add safe rooms within new and existing public and institutional buildings, such as schools, colleges and universities, senior centers, community centers, hospitals, and government buildings.	Schools				
2.8.9	Determine which areas at important facilities such as schools and daycare centers are the best locations for occupants during a disaster. Identify and provide directions to the designated "safe place."	Schools				
2.8.10	Ensure all public buildings have a refuge plan of where to send people during times of disasters. Encourage posting of the plan in places accessible to the public.	Schools				
2.8.14	Ensure all schools have a place of refuge plan for sporting events held outside and proper posting on where it is located.	Schools				
2.9.4	Educate the public about vaccines and immunizations.	Schools				
2.9.5	Require school systems to inform parents/guardians about illness at the schools	Schools				
2.9.6	Ensure school buses include air conditioning when purchasing replacements buses.	Schools				
3.7.13	Educate staff members on proper mitigation measures of pandemic preparedness	Schools				

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	Educate staff members for the utilization of virtual resources for virtual and/or remote learning or communications during closures due to pandemics or other hazards.	Schools				
3.7.15	Upgrade technology devices for students and teachers for utilization during virtual and/or remote learning.	Schools				
3.8.6	Promote training and attendance by employees at conferences and webinars sponsored by agencies such as FEMA, DHS, APHD, AEMA and the Marshall County EMA.	Schools				
3.8.7	Encourage completion of the online course FEMA IS-907 on active shooters by employees in critical facilities.	Schools				
3.9.12	Ensure first responders are aware of any chemicals stored at the school including those used in the science department.	Schools				
3.11.4	Include hazard information on school websites to disseminate hazard mitigation information with a focus on family safety.	Schools				
3.7.9	Educate employees in critical facilities about cybersecurity.	Schools				
3.7.5	Provide emergency preparedness information for extreme temperature events through an active educational outreach program with specific plans and procedures for senior citizens and people with special needs.	Senior Center				
3.9.10	Participate in the "Turn Around Don't Drown" program by purchasing and installing signs in known flash flood locations.	Street Dept				

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1.2.3	Identify problem drainage areas, conduct engineering studies, evaluate feasibility, and construct drainage improvements to reduce or eliminate localized flooding.	Street Dept				
1.5.7	Encourage interagency collaboration in management of beaver populations where beaver activities compromise drainage structures and transportation routes.	Street Dept				
1.11.4	Provide property assessments of areas impacted by hazards for damage/incident reports. If applicable, add to GIS mapping.	Street Dept				
1.11.8	Establish a uniform damage reporting procedure for Boaz to utilize with the Marshall County Emergency Management Agency as the clearinghouse for damage assessment data following disaster events.	Street Dept				
5.1.1	Prepare and implement standard operating procedures and guidelines for drainage system maintenance. Ensure storm drains and ditches are not blocked and are able to receive water.	Street Dept				
5.1.3	Develop and adopt winter maintenance procedures that include smart salting techniques and applying deicing agents before severe winter storms happen.	Street Dept				
5.1.4	Collaborate with ALDOT in addressing drainage issues along state roadways.	Street Dept				
5.2.1	Construct drainage improvements to reduce or eliminate localized flooding.	Street Dept				

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1.14.1	Maintain and update emergency operations plans.	Street Dept				
3.8.5	Train operators in snow removal to ensure adequate coverage during severe winter storm events.	Street Dept				
3.9.11	Explore options for improving the ability of local units of government to report flooding and flash flooding events, receive information, respond and request assistance.	Street Dept				
3.7.3	Promote the education of citizens on water saving techniques through the local water boards and area schools.	Water Board				
1.10.5	Encourage water suppliers to assess vulnerability of existing supply systems and share that information with local governments.	Water Northeast Water Authority				
2.6.6	Encourage the planting of species that are less susceptible to damage and ensure that trees are planted far from above ground utility lines and buildings.	Zoning				