

Lincoln County, Missouri

Natural Hazard Mitigation Plan



Prepared by:

Boonslick Regional Planning Commission

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Lincoln County Hazard Mitigation Planning Committee

Jurisdictional Representatives

Name	Title	Department	Jurisdiction / Agency / Organization
Joseph Kaimann	Presiding Commissioner	County	Lincoln County
Matt Bass	Associate Commissioner	County	Lincoln County
Michael Mueller	Associate Commissioner	County	Lincoln County
Crystal Hall	Clerk	County	Lincoln County
Dennis Rottger	Chairperson	Village	Village of Chain of Rocks
Theresa Hoelting	Clerk	Village	Village of Chain of Rocks
Michael Short	Mayor	City	City of Elsberry
Rachel Reed	Clerk	City	City of Elsberry
Keith Aubuchon	Mayor	City	City of Foley
Dee Evans	Clerk	City	City of Foley
Deborah Cannon	Chairperson	Village	Village of Fountain N Lakes
Chris Cannon	Treasurer	Village	Village of Fountain N Lakes
Mark Seigler	Mayor	City	City of Hawk Point

Name	Title	Department	Jurisdiction / Agency / Organization
Samantha Shelton	Clerk	City	City of Hawk Point
Patrick Flannigan	Mayor	City	City of Moscow Mills
Linda Haynes	Clerk	City	City of Moscow Mills
Don Jackson	Mayor	City	City of Old Monroe
Jessica Hawkins	Clerk	City	City of Old Monroe
Joe Clark	Mayor	City	City of Silex
Sylvia Roper	Clerk	City	City of Silex
Ron Sconce	Mayor	City	City of Troy
Jodi Schneider	Clerk	City	City of Troy
Raymond Sauer, Sr.	Chairperson	Village	Village of Truxton
Tiffany Sauer	Clerk	Village	Village of Truxton
Judy Cannon	Chairperson	Village	Village of Whiteside
Amy Taylor	Treasurer	Village	Village of Whiteside
Dawn Garver	Mayor	City	City of Winfield
Roschell Eaton	Clerk	City	City of Winfield
Tim Reller	Superintendent	School	Elsberry R- II
Rod Hamlett	Superintendent	School	Silex R-I
Mark S. Penny	Superintendent	School	Troy R-III School District/Lincoln R-III School District
Daniel Williams	Superintendent	School	Winfield R-IV

Stakeholder Representatives

Name	Title	Department	Jurisdiction / Agency / Organization
Adam Stanek	Emergency Management Director	County	Lincoln County
Chris Mitchell	Assistant Superintendent	School	Winfield R-IV
Mike Marlo	Chief	Fire	Lincoln County Fire Protection District #1

Name	Title	Department	Jurisdiction / Agency / Organization
Robert Shramek	Chief	Fire	Lincoln County Fire Protection District #1

EXECUTIVE SUMMARY

The purpose of natural hazard mitigation is to reduce loss of life and property by lessening the impact of natural disasters. Hazard Mitigation Plan forms the foundation for a community's long-term strategy to reduce disaster losses and break the cycle of disaster damage, reconstruction, and repeated damage. The Boonslick Regional Planning Commission on behalf of Lincoln County and participating jurisdictions developed a Multi-Jurisdictional Hazard Mitigation Plan that was initially approved by the Federal Emergency Management Agency (FEMA) in 2004.

The plan was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 (DMA 2000). In accordance with DMA 2000 requirements, Lincoln County and participating jurisdictions must update the plan every 5 years. The most recent past multi-Jurisdictional Hazard Mitigation Plan for Lincoln County was updated and approved dated December 15, 2016.

The Lincoln County Hazard Mitigation Plan is a multi-jurisdictional plan that represents several local governments within the county. The participating jurisdictions from the 2016 plan remain the same. The following communities participated in plan development and are represented by the plan through formal adoption:

Lincoln County	Village of Chain of Rocks	City of Elsberry
City of Foley	Village of Fountain N Lakes	City of Hawk Point
City of Moscow Mills	City of Old Monroe	City of Silex
City of Troy	Village of Truxton	Village of Whiteside
City of Winfield	Elsberry R-II School District	Silex R-I School District
Troy R-III School District/Lincoln R-III School District	Winfield R-IV School District	

The planning process followed the methodology prescribed by FEMA, beginning with the formation of a Hazard Mitigation Planning Committee (MPC) comprised of key stakeholders from Lincoln County, participating jurisdictions, state agencies, and other several private non-profit entities.

The MPC updated the risk assessment that identified and profiled hazards that pose a risk to County A and analyzed jurisdictional vulnerability to these hazards. The MPC also examined the capabilities in place to mitigate the hazard damages, with emphasis on changes that have occurred since the previously approved plan was adopted. The MPC determined that the planning area is vulnerable to several hazards that are identified, profiled, and analyzed in this plan. Riverine and flash flooding, winter storms, severe thunderstorms/hail/lightning/high winds, and tornadoes are among the hazards that historically have had a significant impact.

Based upon the risk assessment, the MPC updated goals for reducing risk from hazards. The goals are listed below:

GOAL 1 – Protect the lives and livelihoods of all citizens

GOAL 2 – Employ sustainable principles and practices to enhance mitigation effectiveness

GOAL 3 – Ensure continued operation of government and emergency functions during a disaster

To advance the identified goals, the MPC developed recommended mitigation actions, which are detailed in Chapter 4 of this plan. The MPC developed an implementation plan for each action, which identifies priority level, background information, and ideas for implementation, responsible agency, timeline, cost estimate, potential funding sources, and more.

Mitigation Action Matrix

Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Target any remaining repetitive flood loss properties for buyout	Lincoln County	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Lincoln County	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
To study and find funding for installing flood gates for low water crossings	Lincoln County	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
To research and apply grants for a safe room	Lincoln County	High	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Lincoln County	High	Goal 1	All hazards	Yes	Yes	No
Institute a land use plan and reinstate zoning ordinances	Lincoln County	Medium	Goal 2	All hazards	Yes	Yes	No
Continue to promote the CRS program	Lincoln County	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Chain of Rocks	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Chain of Rocks	High	Goal 1	All hazards	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Elsberry	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Elsberry	High	Goal 1	All hazards	Yes	Yes	No
Institute a land use plan and reinstate zoning ordinances	Elsberry	Medium	Goal 2	All hazards	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Foley	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Foley	High	Goal 1	All hazards	Yes	Yes	No
To research and apply grants for a safe room	Fountain N Lakes	High	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Fountain N Lakes	High	Goal 1	All hazards	Yes	Yes	No
To research and apply grants for a safe room	Hawk Point	High	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No

Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Hawk Point	High	Goal 1	All hazards	Yes	Yes	No
Identify geographic areas in need of warning systems	Moscow Mills	Medium	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Moscow Mills	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
To research and apply grants for a safe room	Moscow Mills	High	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Moscow Mills	High	Goal 1	All hazards	Yes	Yes	No
Community in need of levee repairs	Old Monroe	Medium	Goal 1	Floods & flash floods, levee failure	Yes	Yes	Yes
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Old Monroe	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Old Monroe	High	Goal 1	All hazards	Yes	Yes	No
Community in need of street repairs	Silex	Medium	Goal 1	Floods & flash floods, levee failure	Yes	Yes	Yes
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Silex	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Silex	High	Goal 1	All hazards	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Troy	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Troy	High	Goal 1	All hazards	Yes	Yes	No
Community in need of a bypass	Troy	Medium	Goal 1	All hazards	Yes	Yes	Yes
Identify geographic areas in need of warning systems	Truxton	Medium	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Truxton	High	Goal 1	All hazards	Yes	Yes	No
Community in need of wastewater system	Whiteside	Medium	Goal 1	All hazards	Yes	Yes	Yes

Action	Jurisdiction	Priority	Goals Addressed	Hazards Addressed	Address Current Development	Address Future Development	Continued Compliance with NFIP
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Whiteside	High	Goal 1	All hazards	Yes	Yes	No
Continue to participate in NFIP by adopting and enforcing floodplain requirements as needed	Winfield	Medium	Goal 1	Floods & flash floods	Yes	Yes	Yes
Identify community health disparities and their effects on post disaster population health i.e. access to care, messaging, translation services, mental/ behavioral health services.	Winfield	High	Goal 1	All hazards	Yes	Yes	No
Institute a land use plan and reinstate zoning ordinances	Winfield	Medium	Goal 2	All hazards	Yes	Yes	No
To research and apply for tornado safe room	Troy R-III School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No
Apply for tornado sirens	Winfield R-IV School District	Medium	Goal 1	Tornadoes, Severe thunderstorms	Yes	Yes	No
To research and apply for tornado safe room	Silex R-I School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No
To research and apply for tornado safe room	Elsberry R-II School District	High	Goal 1	Tornadoes and Severe Storms	Yes	Yes	No

PREREQUISITES

44 CFR requirement 201.6(c)(5): The local hazard mitigation plan shall include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan. For multi-jurisdictional plans, each jurisdiction requesting approval of the plan must document that it has been formally adopted.

This plan has been reviewed by and adopted with resolutions or other documentation of adoption by all participating jurisdictions and schools. The documentation of each adoption is included in Appendix A, and a model resolution is included on the following page.

The jurisdictions listed in the Executive Summary participated in the development of this plan and have adopted the multi-jurisdictional plan.

Model Resolution

Resolution #

Adopting the Lincoln County Multi-Jurisdictional Local Hazard Mitigation Plan

Whereas, the (Name of Government/District/Organization seeking FEMA approval of hazard mitigation plan) recognizes the threat that natural hazards pose to people and property within our community; and

Whereas, undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

Whereas, the U.S. Congress passed the Disaster Mitigation Act of 2000 (“Disaster Mitigation Act”) emphasizing the need for pre-disaster mitigation of potential hazards;

Whereas, the Disaster Mitigation Act made available hazard mitigation grants to state and local governments; and

Whereas, an adopted Local Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre- and post-disaster mitigation grant programs; and

Whereas, the (Name of Government/District/Organization) fully participated in the hazard mitigation planning process to prepare this Multi-Jurisdictional Local Hazard Mitigation Plan; and

Whereas, the Missouri State Emergency Management Agency and the Federal Emergency Management Agency Region VII officials will review the “Lincoln County Multi-Jurisdictional Local Hazard Mitigation Plan,” and approved it as to form and content; and

Whereas, the (Name of Government/District/Organization) desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting the Lincoln County Multi-Jurisdictional Local Hazard Mitigation Plan; and

Whereas, adoption by the governing body for the (Name of Government/District/Organization) demonstrates the jurisdictions’ commitment to fulfilling the mitigation goals outlined in this Multi-Jurisdictional Local Hazard Mitigation Plan; and

Whereas, adoption of this legitimizes the plan and authorizes responsible agencies to carry out responsibilities under the plan;

Now, therefore, be it resolved, that the (Name of Government/District/Organization) has adopted the “Lincoln County Multi-Jurisdictional Local Hazard Mitigation Plan” as an official plan.

Date: _____

Certifying Official: _____

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