

Brown County Natural Hazards Mitigation Plan_____

Plan for:
Brown County
Emergency Management Agency

800 Mt. Orab Pike
Georgetown, OH 45121
(937)378-5100

Prepared by:

Emergency Strategies Inc.
Eric Richter, Senior Consultant
316 W. Fifth Avenue
Columbus, OH 43201
(614)421-5935
EmerStrategies@aol.com

FINAL PLAN
(Revised May 2007)

Brown County Natural Hazards Mitigation Plan

Table of Contents Page

Acknowledgements

Section 1: Mitigation Action Plan

Chapter 1: Introduction.....	1
Chapter 2: Community Profile.....	5
Chapter 3: Risk Assessment.....	17
Chapter 4: Multi-Hazard Goals and Action Items.....	24
Chapter 5: Plan Maintenance.....	35

Section 2: Hazard-Specific Information

Chapter 6: Flooding.....	38
Chapter 7: Tornadoes.....	47
Chapter 8: Severe Thunderstorms & Lightning.....	56
Chapter 9: Severe Winter Weather.....	63
Chapter 10: Drought.....	69
Chapter 11: Earthquakes.....	71
Chapter 12: Landslides/Subsidence.....	76

Section 3: Resources

Appendix A: Multi-Hazard Mitigation Resource Directory	
Appendix B: Public Participation Process	
Appendix C: Economic Analysis of Natural Hazard Mitigation Projects	
Appendix D: Brown County Hazard Analysis	
Appendix E: Plan Adoption Resolutions	
Appendix F: References	

Acknowledgements_____

Core Group Steering Committee:

James Berry, Brown County Building Department
Bryan Mount, Village of Mt. Orab
Cathy Blevins, John Wood Insurance
Don Koewler, Ripley Fire Department
Tony Pfeffer, Ripley Fire Department
Lesley Myers, Village of Ripley
Pat Hopkins, Brown County 911
Christopher Renshaw, Renshaw Land Surveying
David Dugan, OSU Extension Office
Kirby Cornett, Brown County Commissioner
Perry Ogden, Brown County Commissioner
Dale Reynolds, Brown County Commissioner
Delmar Daniel, Union Township
Richard Heitz, Union Township
Tara Fisher, USDA/NRCS
S. Kelly Jones, Village of Georgetown
Bernie Vilvens, Village of Fayetteville
Sgt. John Black, Village of Mt. Orab
David Henderson, Pike Township
Scott Moore, Brown County Engineer's Office
Heather Carrelli, Village of St. Martin
Mary Carrelli, Village of St. Martin
Jim McMullen, Village of Fayetteville
Louis Johnson, Perry Township
Emery Holden, Green Township
Gary Frye, Green Township
Doug Green, Brown County Auditor
Marianne Lang, Perry Township
Steve Mezger, Sterling Township
Ed Shinkle, Sterling Township
Dwayne Wenninger, Brown County Sheriff
Jane Cahall, Brown County Emergency Management Agency

Other Jurisdiction Participation:

Brown County is a predominantly rural county. Most Villages in Brown County are administered by part-time mayors, clerks and councils who often maintain full-time jobs in addition to their duties as part-time elected and appointed officials. As such, they were not always available to attend each meeting held by the Core Group Steering Committee of the Brown County Natural Hazards Mitigation Plan.

In order to obtain input from all jurisdictions participating in the plan and verify the information already given to us by others, the draft of Section 1 of the plan was sent to all participating jurisdictions on August 25, 2004. The Brown County EMA copied the stamped packages to verify they had been sent. Additionally, a memorandum cited on page 26 of Appendix B accompanied these packages.

Following up on this memorandum, Jane Cahall, the Brown County EMA Director, met with each jurisdiction to discuss the draft plan, their Action Items and the need to pass a resolution adopting the plan.

Jane met personally with five jurisdictions where officials were unable to attend the regularly scheduled meetings of the Core Group Committee. A summary of those meetings follows:

October 21, 2004

Jane met with Mayor Donald Salisbury of the Village of Russellville. They reviewed Chapter 4 of the plan. The Village felt that obtaining additional tornado sirens was the greatest need in their jurisdiction (Action Item 11).

October 23, 2004

Jane met with Mayor Bill Williams of the Village of Sardinia. The northeast corner of the County lacks significant warning for tornadoes and they also felt that was the greatest need in their jurisdiction (Action Item 11).

November 3, 2004

Jane met with Mayor Robert Meadows of the Village of Aberdeen. Aberdeen rests along the Ohio River and is subject to periodic flooding. The sloped terrain along Aberdeen's roads results in mud, debris and flooding. Additionally, some residents reside in areas that are difficult to reach due to significant flooding. As a result, the Village of Aberdeen felt that bank stabilization projects and the ability to provide emergency information to residents were the greatest needs of their jurisdiction (Action Items 10 and 12).

November 5, 2004

Jane met with Mayor James Adams of the Village of Higginsport and Mayor Wyndal Staggs of the Village of Hamersville on this day. She reviewed Chapter 4 of the plan with them. Both felt the greatest need in their jurisdiction was additional tornado sirens to warn residents (Action Item 11).

Geographic Information Systems (GIS) Maps:

Special thanks to Darlene Scott and Jobes Henderson & Associates for developing the GIS maps included in this plan. Great care was taken to provide an accurate reflection of the county on these maps. However, Brown County does not accept responsibility for any errors, omissions or positional accuracy of the accompanying maps.

Project Funding:

This project was made possible through grant funding from the Federal Emergency Management Agency (FEMA) and time commitments from members of the Natural Hazard Mitigation Plan Core Group Committee.

Eric Richter, Senior Consultant with Emergency Strategies, Inc. served as the planning consultant in the development of this plan.