



# **Cedar County, Iowa**

## **Multi-Jurisdictional Hazard Mitigation Plan**



Effective January 2016

Developed by Cedar County with professional assistance from  
AMEC Environment & Infrastructure, Inc.  
Homeland Security and Emergency Management

# SPECIAL THANKS AND ACKNOWLEDGEMENTS

## Cedar County Hazard Mitigation Planning Committee

### Jurisdictional Representatives

| First     | Last      | Title                       | Department               | Jurisdiction                         |
|-----------|-----------|-----------------------------|--------------------------|--------------------------------------|
| Mike      | Anderson  | Fire Chief                  | Fire Department          | Bennett                              |
| Orville   | Randolph  | Mayor/EMS Director          | City Administration/EMS  | Bennett                              |
| Sidney    | Randolph  | Assistant to Mayor          | City Administration      | Bennett                              |
| Mike      | Shotwell  | Director                    | Public Works             | Bennett                              |
| Jeric     | Armstrong | Mayor                       | City Administration      | Clarence                             |
| Randy     | Burken    | Fire Chief                  | Fire Department          | Clarence                             |
| Brian     | Meyer     | Police Chief                | Police Department        | Clarence                             |
| Kevin     | Wendnt    | Assistant Chief             | Fire Department          | Clarence                             |
| Deana     | Cavin     | City Clerk                  | City Administration      | Durant                               |
| Allen     | Olderos   | Public Works Director/Supv. | Public Works             | Durant                               |
| Kyle      | Olderos   | Assistant Chief             | Fire Department          | Durant                               |
| Dawn      | Smith     | Mayor                       | City Administration      | Durant                               |
| Barry     | Hoffmeier | Mayor                       | City Administration      | Lowden                               |
| Joel      | Brown     | Trustee                     | City Administration      | Mechanicasville                      |
| Larry     | Butler    | Mayor                       | City Administration      | Mechanicasville                      |
| Tim       | Horihan   | Chief                       | Police Department        | Mechanicasville                      |
| Linda     | Coppess   | City Clerk/Township Clerk   | City Administration      | Mechanicasville/<br>Fremont Township |
| Greg      | Wagner    | Mayor                       | City Administration      | Stanwood                             |
| Brian     | Brennen   | Director                    | Public Works             | Tipton                               |
| Roger     | Dewolf    | Public Works Official       | Public Works             | Tipton                               |
| Eldon Ray | Downs     | Public Works Official       | Public Works             | Tipton                               |
| Lorna     | Fletcher  | City Clerk                  | City Administration      | Tipton                               |
| Brian     | Hudson    | Employee                    | Electric                 | Tipton                               |
| Tawnya    | Johnson   | Employee                    | Electric                 | Tipton                               |
| Steve     | Nash      | Public Works Director/Supv. | Public Works             | Tipton                               |
| Chris     | Nosbisch  | City Manager                | City Administration      | Tipton                               |
| Ken       | Paul      | Firefighter                 | Fire Department          | Tipton                               |
| Sean      | Paustian  | 1st Assistant               | Fire Department          | Tipton                               |
| Bradly    | Peck      | Officer                     | Police Department        | Tipton                               |
| V.        | Penrod    |                             | Gas Department           | Tipton                               |
| Pamella   | Spear     | Council Member              | City Council             | Tipton                               |
| Melissa   | Steffen   | EMT                         | Ambulance                | Tipton                               |
| Floyd     | Taber     | Electric Manager            | Electric                 | Tipton                               |
| John      | Walsh     | Employee                    | Electric                 | Tipton                               |
| Mark      | Wild      | Water Operator              | Water Department         | Tipton                               |
| Leanne    | Zearley   | Council member              | City Administration      | Tipton                               |
| Mike      | Horihan   | Police Chief                |                          | West Branch                          |
| David     | Hosier    | Assistant Chief             | Fire Department          | West Branch                          |
| Alex      | Koch      | Officer                     | Police Department        | West Branch                          |
| Kevin     | Stoolman  | Fire Chief                  | Fire Department          | West Branch                          |
| Mark      | Worrell   | Mayor                       | City Administration      | West Branch                          |
| Josh      | Worrell   | Assistant Chief             | Fire Department          | West Branch                          |
| Jon       | Bell      | Board Of Supv. Pro Tem      | Board of Supervisors     | Cedar County                         |
| Kirby     | Blake     | Staff                       | EOC                      | Cedar County                         |
| Bonnie    | Butler    | Preparedness Div. Mgr.      | Health Department        | Cedar County                         |
| Jane      | Caes      | Dir. Public Health          | Public Health Department | Cedar County                         |
| Wayne     | Deerberg  | Board Of Supv. Chair        | Board of Supervisors     | Cedar County                         |
| Betty     | Ellerhoff | Board Of Supv.              | Board of Supervisors     | Cedar County                         |

| First   | Last        | Title                  | Department            | Jurisdiction                  |
|---------|-------------|------------------------|-----------------------|-------------------------------|
| Brad    | Gaul        | Board Of Supv.         | Board of Supervisors  | Cedar County                  |
| Jeff    | Kaufmann    | Board Of Supv.         | Board of Supervisors  | Cedar County                  |
| Marcus  | Larson      | GIS Tech.              | GIS Department        | Cedar County                  |
| Tim     | Malott      | Coordinator            | Emergency Management  | Cedar County                  |
| Bev     | Penningroth | Clerk                  | Auditor's Office      | Cedar County                  |
| Brad    | Ratliff     | Assistant Director     | Emergency Management  | Cedar County                  |
| Jeffrey | Renander    | Attorney Cedar County  | Attorney's Office     | Cedar County                  |
| Barbara | Smith       | Clerk                  | Assessor's Office     | Cedar County                  |
| Warren  | Wethington  | Sheriff                | Sheriff's Department  | Cedar County                  |
| David   | Larson      | Superintendent         | School Administration | Bennett Community Schools     |
| Ron     | Fick        | Maintenance Manager    | Maintenance           | Durant Community Schools      |
| Mike    | Cooper      | Superintendent         | School Administration | North Cedar Community Schools |
| Bob     | Dohmen      | Maintenance Director   | Buildng               | North Cedar Community Schools |
| Dick    | Grimoskas   | Superintendent         | School Administration | Tipton Community Schools      |
| Andy    | Owen        | Staff                  |                       | Tipton Community Schools      |
| Joey M. | Lande       | Director of Operations | Operations            | West Branch Community Schools |

### **Stakeholder Representatives**

| First   | Last      | Title                | Jurisdiction                                 |
|---------|-----------|----------------------|--|
| Betty   | Lett      | Citizen              | Citizen                                      |
| Nichole | Malott    | Citizen              | Citizen                                      |
| Laura   | Twing     | Citizen              | Citizen                                      |
| Tom     | Schwartz  | Director             | Herbert Hoover Presidential Library & Museum |
| Sue     | Hall      | Reporter             | N/A  |
| Mark    | Wild      | Local Manager        | Alliance Water                               |
| Bobby   | Kaufmann  | State Representative | State of Iowa                                |
| Steve   | Agri      | Trustee              | Cass Township                                |
| Molly   | Williams  | Clerk                | Cass Township                                |
| Dwain   | Ford      | Clerk                | Center Township                              |
| David   | Niermeyer | Clerk                | Springfield Township                         |

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## EXECUTIVE SUMMARY

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The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. Cedar County and participating jurisdictions developed this multi-jurisdictional local hazard mitigation plan update to reduce future losses to the County and its communities resulting from hazard events. The plan was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 and to achieve eligibility for the Federal Emergency Management Agency (FEMA) Hazard Mitigation Assistance Grant Programs.

The Cedar County Multi-jurisdictional Hazard Mitigation Plan covers the following 14 jurisdictions that participated in the planning process:

- Unincorporated Cedar County
- City of Bennett
- City of Clarence
- City of Durant
- City of Lowden
- City of Mechanicsville
- City of Stanwood
- City of Tipton
- City of West Branch
- Bennett School District
- Durant School District
- North Cedar School District
- Tipton School District
- West Branch School District

There are several cities within Cedar County that have portions of their city limits in adjacent counties. These cities are treated in one of two ways for purposes of participation in this plan:

1) Official Plan Participants: The following cities are bi-county/multiple-county cities that have the majority of their corporate limits in Cedar County. These cities will be invited as official plan participants in the Cedar County plan. The Risk Assessment will include incorporation of analysis of building exposure/critical facilities of the entire city limits for these jurisdictions:

- City of Durant (portions in Muscatine and Scott Counties)
- City of West Branch (portions in Johnson County)

2) Stakeholder Participants: To provide a comprehensive analysis, the Risk Assessment includes incorporated areas of the City of Wilton which has a portion of their city limits in Cedar County, but is considered an official city of adjacent Muscatine County. The Risk Assessment will include analysis of building exposure/critical facilities ONLY for the portion of the incorporated area that is within the Cedar County boundary. Although this city is not an official participant of the *Cedar County Multi-jurisdictional Hazard Mitigation Plan*, they are stakeholders

in the planning process and as such, were invited to planning meetings and to comment on plan drafts.

Cedar County and the incorporated areas that participated in this plan update developed a Multi-jurisdictional Hazard Mitigation Plan that was approved by FEMA in January 2011 (hereafter referred to as the *2011 Cedar County Hazard Mitigation Plan*). Therefore, this current planning effort serves to update the previous plan.

The plan update process followed a methodology prescribed by FEMA, which began with the formation of a Hazard Mitigation Planning Committee (HMPC) comprised of representatives from Cedar County and participating jurisdictions. The HMPC updated the risk assessment that identified and profiled hazards that pose a risk to the Cedar County planning area, assessed the vulnerability to these hazards, and examined the capabilities in place to mitigate them. The planning area is vulnerable to several hazards that are identified, profiled, and analyzed in this plan. Riverine and flash flooding, winter storms, tornadoes and windstorms are among the hazards that can have a significant impact.

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

- Goal 1: Protect the Health and Safety of Residents
- Goal 2: Reduce Future Property Losses from Hazard Events
- Goal 3: Increase Public Awareness and Educate on the Vulnerability to Hazards
- Goal 4: Improve Emergency Management and Continuity of Operations Capabilities

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

## PREREQUISITES

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**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.**

***Note to Reviewers:** When this plan has been reviewed and approved pending adoption by FEMA Region VII the adoption resolutions will be signed by the participating jurisdictions and added to Appendix D. A model resolution is provided.*

The following jurisdictions participated in the development of this plan and have adopted the multi-jurisdictional plan. Resolutions of Adoptions are included in Appendix D.

- Unincorporated Cedar County
- City of Bennett
- City of Clarence
- City of Durant
- City of Lowden
- City of Mechanicsville
- City of Stanwood
- City of Tipton
- City of West Branch
- Bennett School District
- Durant School District
- North Cedar School District
- Tipton School District
- West Branch School District

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## Model Resolution

Resolution # \_\_\_\_\_

### **Adopting the Cedar 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 Iowa Homeland Security and Emergency Management Division and the Federal Emergency Management Agency Region VII officials have reviewed the “Cedar County Multi-Jurisdictional Local Hazard Mitigation Plan,” and approved it contingent upon this official adoption of the participating governing body; 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 Cedar 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

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

**Now, therefore, be it resolved**, that the (Name of Government/District/Organization) adopts the “Cedar County Multi-Jurisdictional Local Hazard Mitigation Plan” as an official plan; and

**Be it further resolved**, the (Name of Government/District/Organization) will submit this Adoption Resolution to the Iowa Homeland Security and Emergency Management Division and Federal Emergency Management Agency Region VII officials to enable the plan’s final approval.

Date: \_\_\_\_\_

Certifying Official: \_\_\_\_\_