

Table of Contents

VII. Appendices.....	7-1
Appendix A: Glossary of Acronyms and Terms	7 A -1
Appendix B: Planning Process Documentation	7 B -1
Planning Packet	7 B -1
Public Input.....	7 B -21
Sign-In Sheets	7 B -28
Action Table: Hazard by Jurisdiction.....	7 B -29
Appendix C: Local Mitigation Plan Review Tool	7 C-1
Appendix D: Additional Resources	7 D-1
Appendix E. Plan Maintenance	7 E-1
Resolution to Adopt.....	7 E-1
Resolution to Amend	7 E-6
Progress Report	7 E-7

VII. APPENDICES

Appendix A	Glossary of Acronyms and Terms
Appendix B	Planning Process Documentation
Appendix C	Local Mitigation Plan Review Tool
Appendix D	Plan Maintenance
Appendix E	Additional Resources

Appendix A: Glossary of Acronyms and Terms

ACS	American Community Survey (US Census Bureau)
CAA	Community Action Agency
CAAA	Connections Area Agency on Aging
CCEM	Clay County Emergency Management
CFS	Flood of Record Flow
CMI	Crop Moisture Index
County	Cherokee County
CrD	Crop Damages (in NOAA tables)
CSD	Community School District
CSM	Congregate Meal Site
Curr	Current (NOAA Tables)
DFIRM	Digital Flood Insurance Rate Map
Dth	Deaths (in NOAA tables)
EF or EF-Scale	Enhanced Fujita Tornado Scale
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FHBM	Flood Hazard Boundary Map
FIRM	Flood Insurance Rate Map
HLSEM	Iowa Homeland Security Emergency Management
HMGP	Hazard Mitigation Grant Program
HUC	Hydrologic Unit Codes
IDNR	Iowa Department of Natural Resources
IaDOT	Iowa Department of Transportation
Init	Initial (NOAA Tables)
Inj	Injuries (in NOAA tables)
Kts	Knots (NOAA Tables)
NCDC	National Climatic Data Center
NFIP	National Flood Insurance Program
NHTSA	National Highway Traffic Safety Administration
NOAA	National Oceanic and Atmospheric Administration
NSSL	National Severe Storms Laboratory
NWIPDC	Northwest Iowa Planning & Development Commission

NWS	National Weather Service
PDSI	Palmer Drought Severity Index
Planning Committee	Hazard Mitigation Planning Committee
PrD	Property Damages (in NOAA tables)
Region	Cherokee, Ida, Monona, Plymouth and Woodbury Counties in Iowa
SCFR	Sioux City Fire Rescue
SCFR HM	Sioux City Fire Rescue - HazMat
SHMT	State Hazard Mitigation Team
SPC	Storm Prediction Center
State	State of Iowa
USDA	US Department of Agriculture
USGS	United States Geological Survey
Hdqtrs or HQ	Headquarters
Bldg	Building
LEPC	Local Emergency Planning Committee
Chke	Cherokee
Mon	Monona
Ply	Plymouth
Wdby	Woodbury

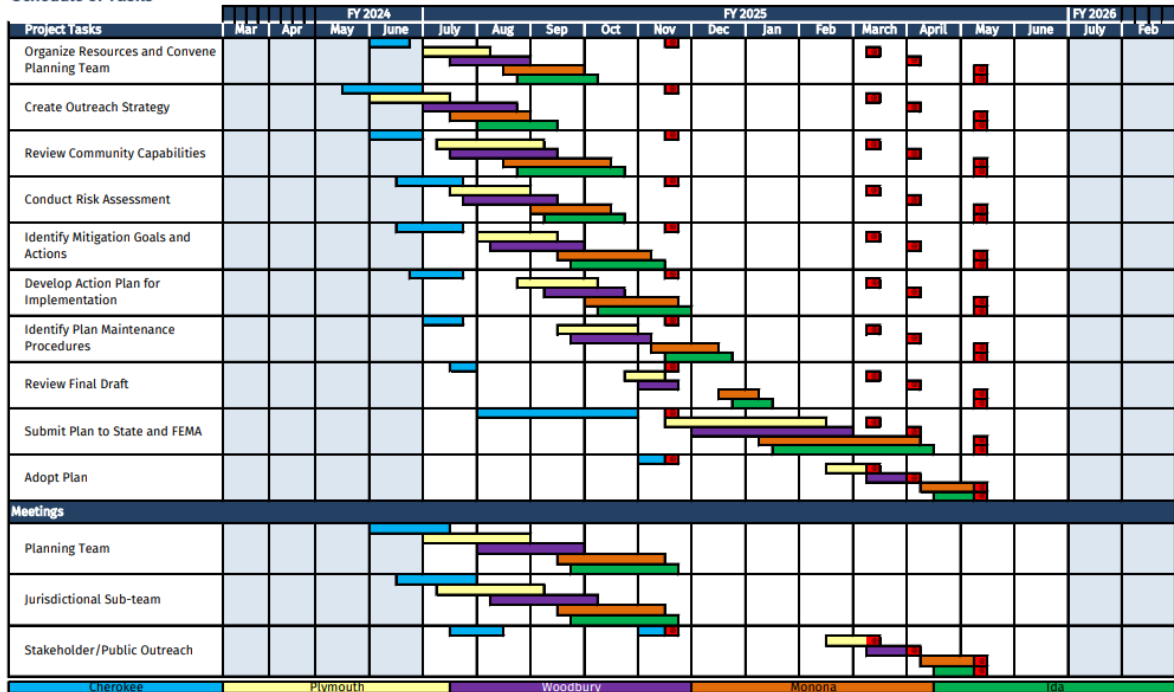
Appendix B: Planning Process Documentation

This Appendix includes examples of material used in Plan preparation and development, promoting public input, records of participation, and priority hazard mitigation projects by

PLANNING PACKET

An example of a blank planning packet as sent to each jurisdiction included the documents as provided. The packets were intended for preparation of, and to guide discussion in, scheduled planning meetings. Record of completed forms is not maintained as documents were intended as guidance or a resource and were not mandatory for return.

Schedule of Tasks



schedule subject to change

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Mitigation Planning Team

Use this worksheet to identify partner organizations to invite to participate on the planning team. Some organizations do not need to be involved in every decision of the planning process but are stakeholders that require outreach and involvement during the planning process. Revise the list of general partners below to reflect the organizations in your community. Mark the organizations will be invited to participate on the planning team and which will be involved through stakeholder outreach activities.

Planning Team – The core group responsible for making decisions, guiding the planning process, and agreeing upon the final contents of the plan

Stakeholders – Individuals or groups that affect or can be affected by a mitigation action or policy.

Partner Organization	Planning Team	Stakeholder	Notes
Local Agencies			
Building Code Enforcement			
City Management/County Administration			
Emergency Management			
Fire Department/District			
Floodplain Administration			
Geographic Information Systems			
Parks and Recreation			
Planning/Community Development			
Public Works			
Stormwater Management			
Transportation (Roads and Bridges)			
City Council/Board of Commissioners			
Planning Commission			
Planning/Community Development			
Regional/Metropolitan Planning Organization			
City/County Attorney's Office			
Economic Development Agency			
Local Emergency Planning Committee			
Police/Sheriff's Department			
Sanitation Department			
Tax Assessor's Office			
Special Districts and Authorities			
Airport, Seaport Authorities			
Fire Control District			
Flood Control District			
School District(s)			
Transit Authority			
Utility Districts			



Mitigation Planning Worksheet 2

Partner Organization	Planning Team	Stakeholder	Notes
Non-Governmental Organizations			
American Red Cross			
Chamber of Commerce			
Community/Faith-Based Organizations			
Environmental Organizations			
Homeowners Associations			
Neighborhood/Community Organizations			
Utility Companies			
State Agencies			
State Emergency Management Agency			
State Dam Safety			
State Department of Transportation			
State Fire and Forestry Agency			
State Geological Survey			
State Water Resources Agency			
State National Flood Insurance Prog Coordinator			
State Planning Office			
Federal Agencies			
Federal Emergency Management Agency			
Land Management Agencies (USFS/NPS/BLM)			
National Weather Service			
US Army Corps of Engineers			
US Dept of Housing and Urban Development			
US Department of Transportation			
US Environmental Protection Agency			
US Geological Survey			
Other			
Tribal Officials			
Colleges/Universities			
Land Developers and Real Estate Agencies			
Major Employers and Businesses			
Professional Associations			
Neighboring Jurisdictions			

Capability Assessment Worksheet

Mitigation Planning Worksheet 3

Jurisdiction: _____

Local mitigation capabilities are existing authorities, policies, programs, and resources that reduce hazard impacts or that could be used to implement hazard mitigation activities. Please complete the tables and questions in the worksheet as completely as possible. Complete one worksheet for each jurisdiction.

Planning and Regulatory

Planning and regulatory capabilities are the plans, policies, codes, and ordinances that prevent and reduce the impacts of hazards. Please indicate which of the following your jurisdiction has in place.

Plans	Yes/No Year	Does the plan address hazards? Does the plan identify projects to include in the mitigation strategy? Can the plan be used to implement mitigation actions?
Comprehensive/Master Plan		
Capital Improvements Plan		
Economic Development Plan		
Local Emergency Operations Plan		
Continuity of Operations Plan		
Transportation Plan		
Stormwater Management Plan		
Community Wildfire Protection Plan		
Other special plans (e.g., brownfields redevelopment, disaster recovery, coastal zone management, climate change adaptation)		
Building Code, Permitting, and Inspections	Yes/No	Are codes adequately enforced?
Building Code		Version/Year:
Building Code Effectiveness Grading Schedule (BCEGS) Score		Score:
Fire department ISO rating		Rating:
Site plan review requirements		
Land Use Planning and Ordinances	Yes/No	Is the ordinance an effective measure for reducing hazard impacts? Is the ordinance adequately administered and enforced?
Zoning ordinance		
Subdivision ordinance		
Floodplain ordinance		
Natural hazard specific ordinance (stormwater, steep slope, wildfire)		
Flood insurance rate maps		
Acquisition of land for open space and public recreation uses		
Other		
How can these capabilities be expanded and improved to reduce risk?		

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Administrative and Technical

Identify whether your community has the following administrative and technical capabilities. These include staff and their skills and tools that can be used for mitigation planning and to implement specific mitigation actions. For smaller jurisdictions without local staff resources, if there are public resources at the next higher level government that can provide technical assistance, indicate so in your comments.

Administration	Yes/No	Describe capability. Is coordination effective?
Planning Commission		
Mitigation Planning Committee		
Maintenance programs to reduce risk (e.g., tree trimming, clearing, drainage systems)		
Mutual aid agreements		
Staff	Yes/No FT/PT	Is staffing adequate to enforce regulations? Is staff trained on hazards and mitigation? Is coordination between agencies and staff effective?
Chief Building Official		
Floodplain Administrator		
Emergency Manager		
Community Planner		
Civil Engineer		
GIS Coordinator		
Other		
Technical	Yes/No	Describe capability Has capability been used to assess/mitigate risk in
Warning systems/services (Reverse 911, outdoor warning signals)		
Hazard data and information		
Grant writing		
Hazus analysis		
Other		
How can these capabilities be expanded and improved to reduce risk?		

Financial

Identify whether your jurisdiction has access to or is eligible to use the following funding resources for hazard mitigation.

Funding Resource	Access/ Eligibility (Yes/No)	Has the funding resource been used in past and for what type of activities? Could the resource be used to fund future
Capital improvements project funding		

Funding Resource (cont'd)	Access/ Eligibility (Yes/No)	Has the funding resource been used in past and for what type of activities? Could the resource be used to fund future mitigation actions?
Authority to levy taxes for specific purposes		
Fees for water, sewer, gas, or electric services		
Impact fees for new development		
Storm water utility fee		
Incur debt through general obligation bonds and/or special tax bonds		
Incur debt through private activities		
Community Development Block Grant		
Other federal funding programs		
State funding programs		
Other		
How can these capabilities be expanded and improved to reduce risk?		

Education and Outreach

Identify education and outreach programs and methods already in place that could be used to implement mitigation activities and communicate hazard-related information.

Program/Organization	Yes/No	Describe program/organization and how relates to disaster resilience and mitigation. Could the program/organization help implement future mitigation activities?
Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc.		
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)		
Natural disaster or safety related school programs		
StormReady certification		
Firewise Communities certification		
Public-private partnership initiatives addressing disaster-related issues		
Other		
How can these capabilities be expanded and improved to reduce risk?		

Safe Growth Audit

Use this worksheet to identify gaps in your community's growth guidance instruments and improvements that could be made to reduce vulnerability to future development.

Comprehensive Plan		
Land Use	Yes	No
1. Does the future land-use map clearly identify natural hazard areas?		
2. Do the land-use policies discourage development or redevelopment within natural hazard areas?		
3. Does the plan provide adequate space for expected future growth in areas located outside natural hazard areas?		
Transportation	Yes	No
1. Does the transportation plan limit access to hazard areas?		
2. Is transportation policy used to guide growth to safe locations?		
3. Are movement systems designed to function under disaster conditions (e.g., evacuation)?		
Environmental Management	Yes	No
1. Are environmental systems that protect development from hazards identified and mapped?		
2. Do environmental policies maintain and restore protective ecosystems?		
3. Do environmental policies provide incentives to development that is located outside protective ecosystems?		
Public Safety	Yes	No
1. Are the goals and policies of the comprehensive plan related to those of the FEMA Local Hazard Mitigation Plan?		
2. Is safety explicitly included in the plan's growth and development policies?		
3. Does the monitoring and implementation section of the plan cover safe growth objectives?		

Zoning Ordinance		Yes	No
1.	Does the zoning ordinance conform to the comprehensive plan in terms of discouraging development or redevelopment within natural hazard areas?		
2.	Does the ordinance contain natural hazard overlay zones that set conditions for land use within such zones?		
3.	Do rezoning procedures recognize natural hazard areas as limits on zoning changes that allow greater intensity or density of use?		
4.	Does the ordinance prohibit development within, or filling of, wetlands, floodways, and floodplains?		
Subdivision Regulations		Yes	No
1.	Do the subdivision regulations restrict the subdivision of land within or adjacent to natural hazard areas?		
2.	Do the regulations provide for conservation subdivisions or cluster subdivisions in order to conserve environmental resources?		
3.	Do the regulations allow density transfers where hazard areas exist?		
Capital Improvement Program and Infrastructure Policies		Yes	No
1.	Does the capital improvement program limit expenditures on projects that would encourage development in areas vulnerable to natural hazards?		
2.	Do infrastructure policies limit extension of existing facilities and services that would encourage development in areas vulnerable to natural hazards?		
3.	Does the capital improvement program provide funding for hazard mitigation projects identified in the FEMA Mitigation Plan?		
Other		Yes	No
1.	Do small area or corridor plans recognize the need to avoid or mitigation natural hazards?		
2.	Does the building code contain provisions to strengthen or elevate construction to withstand hazard forces?		
3.	Do economic development or redevelopment strategies include provisions for mitigation natural hazards?		
4.	Is there an adopted evacuation and shelter plan to deal with emergencies from natural hazards?		

Questions adapted from Godschalk, David R. Practice Safe Growth Audits, Zoning Practice, Issue Number 10, October 2009, American Planning Association. <http://www.planning.org/zoningpractice/open/pdf/oct09.pdf>

National Flood Insurance Program (NFIP) Worksheet

Use this worksheet to collect information on your community's participation in and continued compliance with the NFIP, as well as identify areas for improvement that could be potential mitigation actions. Indicate the source of information, if different from the one included.

NFIP Topic	Source of Information	Comments
Insurance Summary		
How many NFIP policies are in the community? What is the total premium and coverage?	State NFIP Coordinator or FEMA NFIP Specialist	
How many claims have been paid in the community? What is the total amount of paid claims? How many of the claims were for substantial damage?	FEMA NFIP or Insurance Specialist	
How many structures are exposed to flood risk within the community?	Community Floodplain Administrator (FPA)	
Describe any areas of flood risk with limited NFIP policy coverage	Community FPA and FEMA Insurance Specialist	
Staff Resources		
Is the Community FPA or NFIP Coordinator certified?	Community FPA	
Is floodplain management an auxiliary function?	Community FPA	
Provide an explanation of NFIP administration services (e.g., permit review, GIS, education or outreach, inspections, engineering capability)	Community FPA	
What are the barriers to running an effective NFIP program in the community, if any?	Community FPA	
Compliance History		
Is the community in good standing with the NFIP?	State NFIP Coordinator, FEMA NFIP Specialist, community records	
Are there any outstanding compliance issues (i.e., current violations)?		
When was the most recent Community Assistance Visit (CAV) or Community Assistance Contact (CAC)?		
Is a CAV or CAC scheduled or needed?		
Regulation		
When did the community enter the NFIP?	Community Status Book	
Are the FIRMs digital or paper?	Community FPA	
Do floodplain development regulations meet or exceed FEMA or State minimum requirements? If so, in what ways?	Community FPA	
Provide an explanation of the permitting process.	Community FPA, State, FEMA NFIP	
	Flood Insurance Manual	
	Community FPA, FEMA CRS Coordinator, ISO representative	
	CRS manual	
Community Rating System (CRS)		
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
What is the community's CRS Class Ranking?	Flood Insurance Manual	
What categories and activities provide CRS points and how can the class be improved?		
Does the plan include CRS planning requirements	Community FPA, FEMA CRS Coordinator, ISO representative	
	CRS manual	

Hazards Summary Worksheet

Use this worksheet to summarize hazard description information and identify which hazards are most significant to the planning area. The definitions provided on the following page can be modified to meet local needs and methods.

Hazard	Location (Geographic Area Affected)	Maximum Probable Extent (Magnitude/Strength)	Probability of Future Events	Overall Significance Ranking
Avalanche				
Dam Failure				
Drought				
Earthquake				
Erosion				
Expansive Soils				
Extreme Cold				
Extreme Heat				
Flood				
Hail				
Hurricane				
Landslide				
Lightning				
Sea Level Rise				
Severe Wind				
Severe Winter Weather				
Storm Surge				
Subsidence				
Tornado				
Tsunami				
Wildfire				

Mitigation Planning Worksheet 6

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Definitions for Classifications**Location (Geographic Area Affected)**

• Negligible	Less than 10 percent of planning area or isolated single-point occurrences
• Limited	10 to 25 percent of the planning area or limited single-point occurrences
• Significant	25 to 75 percent of planning area or frequent single-point occurrences
• Extensive	75 to 100 percent of planning area or consistent single-point occurrences

Maximum Probable Extent (Magnitude/Strength based on historic events or future probability)

• Weak	Limited classification on scientific scale, slow speed of onset or short duration of event, resulting in little to no damage
• Moderate	Moderate classification on scientific scale, moderate speed of onset or moderate duration of event, resulting in some damage and loss of services for days
• Severe	Severe classification on scientific scale, fast speed of onset or long duration of event, resulting in devastating damage and loss of services for weeks or months
• Extreme	Extreme classification on scientific scale, immediate onset or extended duration of event, resulting in catastrophic damage and uninhabitable conditions

Hazard	Scale / Index	Weak	Moderate	Severe	Extreme
Drought	Palmer Drought Severity Index ³	-1.99 to +1.99	-2.00 to -2.99	-3.00 to -3.99	-4.00 and below
Earthquake	Modified Mercalli Scale ⁴	I to IV	V to VII	VII	IX to XII
	Richter Magnitude ⁵	2, 3	4, 5	6	7, 8
Hurricane Wind	Saffir-Simpson Hurricane Wind Scale ⁶	1	2	3	4, 5
Tornado	Fujita Tornado Damage Scale ⁷	F0	F1, F2	F3	F4, F5

Probability of Future Events

• Unlikely	Less than 1 percent probability of occurrence in the next year or a recurrence interval of greater than every 100 years.
• Occasional	1 to 10 percent probability of occurrence in the next year or a recurrence interval of 11 to 100 years.
• Likely	10 to 90 percent probability of occurrence in the next year or a recurrence interval of 1 to 10 years.
• Highly Likely	90 to 100 percent probability of occurrence in the next year or a recurrence interval of less than 1 year.

Overall Significance

• Low	Two or more criteria fall in lower classifications or the event has a minimal impact on the planning area. This rating is sometimes used for hazards with a minimal or unknown record of occurrences or for hazards with minimal mitigation potential.
• Medium	The criteria fall mostly in the middle ranges of classifications and the event's impacts on the planning area are noticeable but not devastating. This rating is sometimes used for hazards with a high extent rating but very low probability rating.
• High	The criteria consistently fall in the high classifications and the event is likely/highly likely to occur with severe strength over a significant to extensive portion of the planning area.

³ Cumulative meteorological drought and wet conditions: <http://ncdc.noaa.gov/>

⁴ Earthquake intensity and effect on population and structures: <http://earthquake.usgs.gov>

⁵ Earthquake magnitude as a logarithmic scale, measured by a seismograph: <http://earthquake.usgs.gov>

⁶ Hurricane rating based on sustained wind speed: <http://nhc.noaa.gov>

⁷ Tornado rating based on wind speed and associated damage: <http://spc.noaa.gov>

Mitigation Action Evaluation Worksheet

Use this worksheet to help evaluate and prioritize each mitigation action being considered by the planning team. For each action, evaluate the potential benefits and/or likelihood of successful implementation for the criteria defined below.

Rank each of the criteria with a -1, 0 or 1 using the following scale:

• 1	Highly effective or feasible
• 0	Neutral
• -1	Ineffective or not feasible

Example Evaluation Criteria

Life Safety	How effective will the action be at protecting lives and preventing injuries?
Property Protection	How significant will the action be at eliminating or reducing damage to structures and infrastructure?
Technical	Is the mitigation action technically feasible? Is it a long-term solution? Eliminate actions that, from a technical standpoint, will not meet the goals.
Political	Is there overall public support for the mitigation action? Is there the political will to support it?
Legal	Does the community have the authority to implement the action?
Environmental	What are the potential environmental impacts of the action? Will it comply with environmental regulations?
Social	Will the proposed action adversely affect one segment of the population? Will the action disrupt established neighborhoods, break up voting districts, or cause the relocation of lower income people?
Administrative	Does the community have the personnel and administrative capabilities to implement the action and maintain it or will outside help be necessary?
Local Champion	Is there a strong advocate for the action or project among local departments and agencies that will support the action's implementation?
Other Community Objectives	Does the action advance other community objectives, such as capital improvements, economic development, environmental quality, or open space preservation? Does it support the policies of the comprehensive plan?

Jurisdiction: _____

Mitigation Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Compliance	Other Community Objectives	Total Score
Local Plans and Regulations											
Structure and Infrastructure Projects											

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Mitigation Planning Worksheet B

Mitigation Action	Life Safety	Property Protection	Technical	Political	Legal	Environmental	Social	Administrative	Local Compliance	Other Community Objectives	Total Score
Natural Systems Protection											
Education and Awareness Programs											

Mitigation Action - Implementation

Complete a mitigation action implementation worksheet for each identified mitigation action.

Jurisdiction:
Mitigation Action/Project Title
Background /Issue:
Ideas for Integration:
Responsible Agency:
Partners:
Potential Funding:
Cost Estimate
Benefits (Losses Avoided)
Timeline:
Priority:
Worksheet Completed by: <i>Name/Department</i>

Mitigation Action Progress Report

Progress Report Period	From Date: _____	To Date: _____
Action/Project Title _____		
Responsible Agency _____		
Contact Name _____		
Contact Phone/Email _____		
Project Status	☐ Project completed	☐ Project canceled
	☐ Project delayed (Explain) _____	☐ Project on schedule
Anticipated completion date: _____		

Summary of Project Progress

1. What was accomplished for this project during this reporting period? _____

2. What obstacles, problems, or delays did the project encounter? _____

3. If uncompleted, is the project still relevant? Should the project be changed or revised? _____

4. Other comments _____

Plan Update Evaluation		
Plan	Considerations	Explanation
Planning Process	Should new jurisdictions and/or districts be invited to participate in future plan updates?	
	Have any internal or external agencies been invaluable to the mitigation strategy?	
	Can any procedures (e.g., meeting announcements, plan updates) be done differently or more efficiently?	
	Has the Planning Team undertaken any public outreach activities?	
	How can public participation be improved?	
	Have there been any changes in public support and/or decision-maker priorities related to hazard mitigation?	
Capability Assessment	Have jurisdictions adopted new policies, plans, regulations, or reports that could be incorporated into this plan?	
	Are there different or additional administrative, human, technical, and financial resources available for mitigation planning?	
	Are there different or new education and outreach programs and resources available for mitigation activities?	
	Has NFIP participation changed in the participating jurisdictions?	
Risk Assessment	Has a natural and/or technical or human-caused disaster occurred?	
	Should the list of hazards addressed in the plan be modified?	
	Are there new data sources and/or additional maps and studies available? If so, what are they and what have they revealed? Should the information be incorporated into future plan updates?	
	Do any new critical facilities or infrastructure need to be added to the asset lists?	
	Have any changes in development trends occurred that could create additional risks?	
	Are there repetitive losses and/or severe repetitive losses to document?	
Mitigation Strategy	Is the mitigation strategy being implemented as anticipated? Were the cost and timeline estimates accurate?	
	Should new mitigation actions be added to the Action Plan? Should existing mitigation actions be revised or eliminated from the plan?	
	Are there new obstacles that were not anticipated in the plan that will need to be considered in the next plan update?	
	Are there new funding sources to consider?	
	Have elements of the plan been incorporated into other planning mechanisms?	
Plan Maintenance Procedures	Was the plan monitored and evaluated as anticipated?	
	What are needed improvements to the procedures?	

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Region Planning Meetings

Page ____ of ____

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Mitigation Planning

Page ____ of ____

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PUBLIC INPUT

Signage

Examples of signage used to promote public input opportunities for stand-alone displays are provided for reference. Record of locations that hosted a display is included within the participation summary for respective jurisdictions.

Community update link to online questionnaire. Intended to collect preliminary base capabilities info from communities prior to planning meeting(s).

QR Code to access (City/County/School District staff):



Plymouth County Hazard Mitigation Plan Questionnaire

https://simpco.org/wp-content/uploads/2020/10/2020-RegHazMit-Plan_wAmendments.pdf

<https://www.surveymonkey.com/r/PlyCo2025>

Postings promoting survey participation

PUBLIC INPUT QUESTIONNAIRE

An update to the **2020 REGIONAL HAZARD MITIGATION PLAN** is in progress!

Public input is extremely important to the development of local projects to **IMPROVE COMMUNITY RESILIENCE** in the event of **NATURAL DISASTERS**.

SCAN THE QR CODE to take the survey on your mobile device ➔

OR

Complete a paper survey and place in envelope.



Your input matters!

2025 Regional Hazard Mitigation Plan

An update is in progress for the 2025 Regional Hazard Mitigation Plan. Last completed in 2020, the Hazard Mitigation Plan is intended to guide community development and improvement projects in a manner that builds **resiliency**, especially in the event of a **natural disaster**. Hazards discussed in this plan are primarily **naturally occurring events**. Also considered are other hazards – where measures to reduce the impacts of natural hazards may also have the effect of reducing the risk of **human-caused and biological hazards**.

Hazards Identified for 2020 Regional Hazard Mitigation Plan			
1 Animal/Crop/Plant Disease	5 Expansive Soils	9 Landslide	12 Sinkholes
2 Dam Failure/Levee Failure	6 Extreme Heat	10 River Flooding	13 Thunderstorms & Lightning / Hail
3 Drought	7 Flash Flood	11 Severe Winter Storm	14 Tornado/Windstorm
4 Earthquake	8 Grass or Wildland Fire		

Hazards Included in 2023 Iowa State Hazard Mitigation Plan			
1 Dam Failure/Levee Failure	7 Hail & Lightning from Thunderstorms	Other Hazards*	
2 Drought	8 Landslide	<i>Additional Human-caused or Biological Hazards Noted in State Plan</i>	
3 Earthquake	9 Severe Winter Storms	13 Animal/Plant/Crop Disease	17 Radiological Incident
4 Expansive Soils	10 Sinkholes	14 Hazardous Materials Incident	18 Terrorism
5 Excessive Heat	11 Tornado/Windstorm	15 Infrastructure Failure	19 Transportation Incident
6 Flooding – Flash & Riverine	12 Wildland Fire or Grass Fire	16 Pandemic Human Disease	

Questionnaires

The Survey Monkey Online questionnaire, Student Input questionnaire, and short version paper survey are shown for reference.

2025 Regional Hazard Mitigation Plan - Public Input

* 1. Choose County (please submit separate survey for work location and place of residence if applicable)

* 2. Choose Jurisdiction (specific city, county if unincorporated, or school district). Please fill out a separate survey for each jurisdiction as applicable.

* 3. The following Natural and Other Hazards have been identified in Iowa's 2023 State Hazard Mitigation Plan. For each Hazard, indicate the level of concern in your home, work, and social environment.

	1 - Very Concerned	3 - Somewhat Concerned	5 - Not At All Concerned
Dam Failure/Levee Failure	☐	☐	☐
Drought	☐	☐	☐
Earthquake	☐	☐	☐
Expansive Soils	☐	☐	☐
Extreme Heat	☐	☐	☐
Flooding - Flash	☐	☐	☐
Flooding - Riverine	☐	☐	☐
Grass or Wildland Fire	☐	☐	☐
Landslide	☐	☐	☐
Severe Winter Storm	☐	☐	☐
Sinkholes	☐	☐	☐
Thunderstorm - Hail & Lightning	☐	☐	☐
Tornado/Windstorm	☐	☐	☐
Other Hazards	☐	☐	☐

* 4. The category "Other Hazards" includes Human-Caused and Biological Hazards as identified in Iowa's 2023 State Hazard Mitigation Plan. For these other hazards, please indicate your level of concern as each may impact your home, work, or social environment.

	1 - Very Concerned	3 - Somewhat Concerned	5 - Not At All Concerned
Animal/Plant/Crop Disease	☐	☐	☐
Hazardous Materials Incident	☐	☐	☐
Infrastructure Failure	☐	☐	☐
Pandemic Human Disease	☐	☐	☐
Radiological Incident	☐	☐	☐
Terrorism	☐	☐	☐
Transportation Incident	☐	☐	☐

* 5. Choose the three (3) Hazards you are most concerned about.

- ☐ Dam Failure/Levee Failure
 ☐ Sinkholes
- ☐ Drought
 ☐ Thunderstorm - Hail & Lightning
- ☐ Earthquake
 ☐ Tornado/Windstorm
- ☐ Expansive Soils
 ☐ Animal/Plant/Crop Disease
- ☐ Extreme Heat
 ☐ Hazardous Materials Incident
- ☐ Flooding - Flash
 ☐ Infrastructure Failure
- ☐ Flooding - Riverine
 ☐ Pandemic Human Disease
- ☐ Grass or Wildland Fire
 ☐ Radiological Incident
- ☐ Landslide
 ☐ Terrorism
- ☐ Severe Winter Storm
 ☐ Transportation Incident

6. Whom would you most trust to provide you with information about how to make your household and home safer from natural disaster? (Please check up to three)

- ☐ News Media
 ☐ Elected Official
- ☐ Government Agency
 ☐ American Red Cross
- ☐ Insurance Agent/Company
 ☐ Other Non-Profit Organization
- ☐ Utility Company
 ☐ Social Media
- ☐ University or Research Center
 ☐ Not Sure
- ☐ Neighbor/friend/family member
- ☐ Other (please specify)

Public Input Survey (via Survey Monkey)

7. Has anything been done to reduce the impacts of hazardous or disastrous events for the Jurisdiction you are representing (County/City/School District)?

8. What personal impacts have you experienced due to any of the hazards identified above?

9. What have you done to reduce the impacts of likely occurring hazards (i.e. installed sump pump to keep basement from flooding)

10. Are there any mitigation projects you would like to see implemented to reduce the impact of hazard/disastrous events in the Jurisdiction you are representing?

11. Community assets are features, characteristics, or resources that either make a community unique or allow the community to function. For the following categories, what do you see as vulnerable in your community? Write a short description for each.

Human (Loss of life and/or injuries)

Economic (Business closures and/or job losses)

Infrastructure (Damage or loss of bridges, utilities, schools, etc.)

Cultural/Historic (Damage or loss of libraries, museums, fairgrounds, etc.)

Environmental (Damage or loss of woodlands, fields, waterways, etc.)

Governance (Ability to maintain order and/or provide public amenities and services)

12. What specific types of community assets are most important to you?

	Very Important	Somewhat Important	Neutral	Not very Important	Not at all Important
Elder Care Facilities	☐	☐	☐	☐	☐
Child Care Facilities (pre-school)	☐	☐	☐	☐	☐
Schools (K-12)	☐	☐	☐	☐	☐
Hospitals	☐	☐	☐	☐	☐
Major Bridges	☐	☐	☐	☐	☐
Fire/Police Stations	☐	☐	☐	☐	☐
Museums/Historic Buildings	☐	☐	☐	☐	☐
Major Employers	☐	☐	☐	☐	☐
Small Business	☐	☐	☐	☐	☐
Colleges/Universities	☐	☐	☐	☐	☐
City Hall/Courthouse	☐	☐	☐	☐	☐
Parks	☐	☐	☐	☐	☐

Other (please specify)

13. Many activities can reduce your community's risk from natural hazards - both governmental and non-governmental.

Please check the box that best matches your opinion of the following strategies to reduce risk and loss associated with natural disasters.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Not sure
I support implementing government rules to reduce risk	☐	☐	☐	☐	☐	☐
I support a non-governmental approach to reducing risk	☐	☐	☐	☐	☐	☐
I support a mix of both governmental and non-governmental approaches to reducing risk	☐	☐	☐	☐	☐	☐
I support policies to prohibit development in areas subject to natural hazards	☐	☐	☐	☐	☐	☐
I support the use of tax dollars (federal &/or local) to compensate and owners	☐	☐	☐	☐	☐	☐

for not developing in areas subject to natural hazards

I support the use of local tax dollars to reduce risks and losses from natural disasters

I would be willing to make my home more disaster-resistant

I support steps to safeguard the local economy following a natural disaster

I support improving the disaster preparedness of local schools

I support a local inventory of at-risk buildings and infrastructure

I support the disclosure of natural hazard risks during real estate transactions

Other (please specify)

14. Natural hazards can have a significant impact on a community. Planning for these events can help lessen the impacts. The following statements help your county determine resident priorities in planning for natural hazards.

Please indicate the importance of each statement.

	Very Important	Somewhat Important	Neutral	Not Very Important	Not At All Important
Protecting private property	☐	☐	☐	☐	☐
Protecting critical facilities (such as hospitals, transportation networks, fire stations, etc.)	☐	☐	☐	☐	☐
Preventing development in hazard areas	☐	☐	☐	☐	☐
Enhancing the function of natural features (such as streams, wetlands, etc.)	☐	☐	☐	☐	☐
Protecting historical and cultural landmarks	☐	☐	☐	☐	☐
Protecting and reducing damage to utilities	☐	☐	☐	☐	☐
Strengthening emergency services (such as police, fire, ambulance, etc.)	☐	☐	☐	☐	☐
Disclosing natural hazard risks during real estate transactions	☐	☐	☐	☐	☐
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	☐	☐	☐	☐	☐

Other (please specify)

15. Prior to receiving this survey, were you aware of your jurisdiction's (City/County/School District) participation in a Regional Hazard Mitigation Plan?

- ☐ Yes
☐ No

Public Input Survey (via Survey Monkey) cont'd

16. Optional. Zip Code:

17. Optional. How long have you lived in Iowa?

☐ Less than 1 year ☐ 10 - 19 years
☐ 1 - 5 years ☐ 20 or more years
☐ 6 - 9 years

18. Do you rent or own your home?

☐ Rent
☐ Own

19. What type of home do you rent/own?

☐ Single-family home ☐ Apartment (5 or more units in structure)
☐ Duplex ☐ Condo/Townhouse
☐ Apartment (3-5 units in structure) ☐ Manufactured home/mobile home
☐ Other (please specify)

20. Optional. Please provide your name and email address if you would like to be informed when 2025 Regional Hazard Mitigation Plan links are updated. Your email will not be disclosed or used for any other purpose.

Name

Email Address

Public Input Survey (student version via Survey Monkey)

2025 Regional Hazard mitigation Plan
Public Input
School District online survey (via Survey Monkey)

Q1
Choose County of residence.

Answer Choices-	Responses-
Cherokee	
Ida	
Monona	
Plymouth	
Woodbury	
TOTAL	

Q2
Select your school district.

Q3
The following Natural and Other Hazards have been identified in Iowa's 2023 State Hazard Mitigation Plan. For each Hazard, indicate the level of concern in your home, work, and social environment.

	1 - Very Concerned	3 - Somewhat Concerned	5 - Not At All Concerned	Total
Dam Failure/Levee Failure				
Drought				
Earthquake				
Expansive Soils				
Extreme Heat				
Flooding - Flash				
Flooding - Riverine				
Grass or Wildland Fire				
Landslide				
Severe Winter Storm				
Sinkholes				
Thunderstorm - Hail & Lightning				
Tornado/Windstorm				
Other Hazards				

Q4
The category "Other Hazards" includes Human-Caused and Biological Hazards as identified in Iowa's 2023 State Hazard Mitigation Plan. For these other hazards, please indicate your level of concern as each may impact your home, work, or social environment.

2025 Regional Hazard mitigation Plan
Public Input
School District online survey (via Survey Monkey)

	1 - Very Concerned	3 - Somewhat Concerned	5 - Not At All Concerned	Total
Animal/Plant/Crop Disease				
Hazardous Materials Incident				
Infrastructure Failure				
Pandemic Human Disease				
Radiological Incident				
Terrorism				
Transportation Incident				

Q5
Choose the three (3) Hazards you are most concerned about.

Answer Choices-	Responses-
Dam Failure/Levee Failure	
Drought	
Earthquake	
Expansive Soils	
Extreme Heat	
Flooding - Flash	
Flooding - Riverine	
Grass or Wildland Fire	
Landslide	
Severe Winter Storm	
Sinkholes	
Thunderstorm - Hail & Lightning	
Tornado/Windstorm	
Animal/Plant/Crop Disease	
Hazardous Materials Incident	
Infrastructure Failure	
Pandemic Human Disease	
Radiological Incident	
Terrorism	
Transportation Incident	

Q6
Whom would you most trust to provide you with information about how to make your household and home safer from natural disaster? (Please check up to three)

2025 Regional Hazard mitigation Plan
Public Input
School District online survey (via Survey Monkey)

Neighborhood/family member

News Media

American Red Cross

University or Research Center

Social Media

Government Agency

Not Sure

Utility Company

Elected Official

Responses

Other (please specify)

Insurance Agent/Company

Other Non-Profit Organization

Q7
Has anything been done to reduce the impacts of hazardous or disastrous events for the school district you are representing?

Q8
What personal impacts have you experienced due to any of the hazards identified above?

Q9
Are there any mitigation projects you would like to see implemented to reduce the impact of hazardous/disastrous events in your school district?

Q10
Prior to receiving this survey, were you aware of your School District's participation in a Regional Hazard Mitigation Plan?

Answer Choices	Responses
Yes	
No	
TOTAL	

Public Input Survey (short version - paper)

County: _____
 City/Jurisdiction: _____
 Name (optional): _____

Listed below are the Natural Hazards as identified in the 2023 State Hazard Mitigation Plan for Iowa. Using the scale provided, fill in the boxes to indicate your personal level of concern regarding each.

1 = very concerned, 3 = somewhat concerned, and 5 = no concern.

Hazards - 2023 Iowa State Hazard Mitigation Plan	
☐ Dam Failure/Levee Failure	☐ Thunderstorm - Hail & Lightning
☐ Drought	☐ Tornado/Windstorm
☐ Earthquake	<i>Other Hazards: Human-caused or Biological Hazards</i>
☐ Expansive Soils	☐ Animal/Plant/Crop Disease
☐ Extreme Heat	☐ Hazardous Materials Incident
☐ Flooding - <i>Flash and Riverine</i>	☐ Infrastructure Failure
☐ Grass or Wildland Fire	☐ Pandemic Human Disease
☐ Landslide	☐ Radiological Incident
☐ Severe Winter Storm	☐ Terrorism
☐ Sinkholes	☐ Transportation Incident

Please list what you consider to be the top three hazards with greatest impact or greatest potential impact on you personally.

- 1 _____
- 2 _____
- 3 _____

Use this space for comment regarding what measures should be considered to minimize the impact of natural disasters in your community. Consider actions and projects that may reduce potential loss of life as well as loss of or damage to property.

SIGN-IN SHEETS

The included sign-in sheets provide record of in-person meetings conducted throughout the planning process. Attendance at meetings conducted via conference calls are noted within the Participation summary of respective jurisdictions.

Participant Tracking

Mitigation Planning

Region Planning Meetings

Page ____ of ____

[illegible]

Mtg conducted by:
Nate Kistner
Mitigation Planning

Woodbury County

Page ____ of ____

[illegible]

Participant Tracking

Cherokee County

Aurelia, 1A

Mitigation Planning

Page 1 of 1[illegible]

[illegible]

Page ____ of ____

[illegible]

City of Bronson - HMP Planning Meeting 2024 12-11

Planning Meeting Sign-in Sheets

The included sign-in sheets provide record of in-person meetings conducted throughout the planning process. Attendance at meetings conducted via conference calls are noted within the Participation summary of respective jurisdictions.

12/11/24	JASON GARNAND	MAYOR	J/G
12/11/24	Dave West	Councilmen	D. W
12/11/24	Lindy Jessen	City Clerk	LJ

7:10 PM Start

7:50 end

ISO rating
is 9

They purchased
new pump truck
equipment needs -
not at this time

Region Planning Meetings

City of Cherokee

Page ____ of ____

[illegible]

Correctionville 1A

Page 1 of 1[illegible]

facilitated by Skinner

Mitigation Planning

01-07-2025

Page 1 of 1

Participant Tracking

Woodbury County

Cushing, IA

[illegible]

Participant Tracking

Region Planning Meetings

HINTON 1A - OCT 24, 2024

Page of [illegible]

Hornick 1A Feb 10, 2025

[illegible]

Ida Grove, Council Chambers 10/7/24

[illegible]

Participant Tracking
Woodbury County

Kingsley

12/11/24

Page ___ of ___

[illegible]

Participant Tracking

Cherokee County

City of Larrabee

Sept 3, 2024

Page 1 of 1

[illegible]

Region Planning Meetings

[illegible]

Le Mars IA 10/24/24

[illegible]

Mitigation Planning

Page 1 of 1

[illegible]

Participant Tracking

Marcus, 1A Dec

Cherokee County

Page 1 of 1

[illegible]

Monona County

City of Moorhead

[illegible]

City of Morville - City Hall 8/26/24

[illegible]

Onawa. 2/14/25

[illegible]

mtg conducted by:
Nate Kistner
Mitigation Planning

Woodbury County

Page of [illegible]

Participant Tracking
Plymouth County

Mitigation Planning
facilitated by: D Kimmel
Page 1 of 1

Page 1 of 1

[illegible]

[illegible]

Participant Tracking *Remsen* - *Mitigation Planning Mtg* *2/5/25*
Plymouth County

Page 4 of 4[illegible]

City of Rodney 10/10/24

[illegible]

Participant Tracking

Woodbury County

Sergeant Bluff - 12/11/24

Page 1 of 1

[illegible]

City of Sioux City 10/30/24

[illegible]

Ida County

facilitator:
Dawn Kimmel

Page 1 of 1[illegible]

Smithland, IA

Dec 16, 2024 11am

Page 1 of 1[illegible]

City of Soldier
Facilitator: Dawn Kinmel

[illegible]

STRUBLE

[illegible]

Participant Tracking

Ida County

Turin 12/11/24

Page ____ of ____

[illegible]

Whiting KA

facilitator - & Kimmel

Page 1 of 1[illegible]

Cherokee Co HMP Meeting
Feb 17 2025

Page 4 of 4

[illegible]

Ida County
12/4/24

[illegible]

Monona County

Mitigation Planning

Page 4 of 1[illegible]

Plymouth Co



↓

Page ____ of ____

[illegible]

Mitigation Planning Meeting

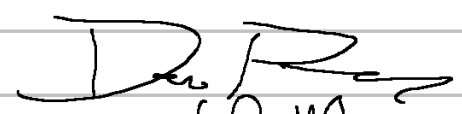
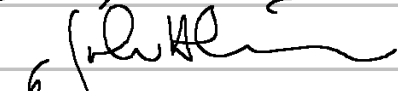
Jan 13, 2025

10am

Jurisdiction: Woodbury Co

Location: The Security Institute, Lower Level
4647 Stone Ave, Sioux City IA 51106

Facilitator: Dawn Kimmel

<u>Name</u>	<u>position</u>	<u>signature</u>
Daniel Priestley	Zoning Coordinator	
John Holmes	Asst. Coordinator EMS	
Mike Montano	EMA Coord.	
via phone conference		
Laura Sievers	County Engineer	(via phone)

Participant Tracking

Region Planning Meetings *Siouxland Coalition to End Homelessness*Page 1 of

Date	Jurisdiction	Meeting purpose	Location	Name	Position	Signature
9/23/24	Woodbury Co	SCEH	Aalf's Library			
9/23/24	Woodbury	"	"	Francis Tenuta	Iowa Legal Aid	F. C. Tenuta
9/23/24	Woodbury	"	"	Jeri Gordon	JACKSON/CM	Jeri Gordon
9/23/24	Woodbury	SCEH	Aalf's Library	Catherine Smith	Women Aware	Catherine Smith
9/23/24	Woodbury	SCEH	"	Kelsey Washburn	Jackson	Kelsey Washburn
9/23/24	Woodbury	SCEH	Aalf's Library	Heather Oberg - Ponca	Tribe of Nebraska Domestic Violence	Heather Oberg
9/23/24	Woodbury	"	↑	Taylor Deckert	KTIV	Taylor Deckert
9-23-24	Woodbury	SCEH	"	Jean Logan	Community Action	Jean Logan
9-23-24	Woodbury	SCEH	"	Stephanie Pickinpaugh	SafePlace	Stephanie Pickinpaugh
9-23-24	Woodbury	SCEH	"	Wendy Jackson	CBS/FOX	Wendy Jackson
9/23/24	Woodbury	SCEH	"	Melvin Lynn	VA-	Melvin Lynn
9-23-24	Woodbury	SCEH	"	Darrell Mayo	FAVA/Westcore	Darrell Mayo
9/23/24	Woodbury/Dickinson	SCEH	"	Tanya Walters	PSH Case Manager	Tanya Walters
9/23/24	Woodbury	SCEH	"	Sarah Miller	Dismas Charities	Sarah Miller
9/23/24	Woodbury	SCEH	"	Brooklyn Lupercin	Dismas Charities	Brooklyn Lupercin
9/23/24	Woodbury	SCEH	"	Letitia Rodriguez	Dismas Charities	Letitia Rodriguez
9/23	Woodbury	SCEH	"	Sarah Zavala	Dismas Charities	Sarah Zavala
9/23	Woodbury	SCEH	"	Ragen Cote	ED	Ragen Cote
9/23	Woodbury	SCEH	"	Teri Ellison	The Salvation Army	Teri Ellison
9/23	Woodbury	SCEH	"	Allison Justice	Center for Siouxland	Allison Justice

HOMELESS COALITION PROFILE SERIES:

We want to start a community impact series on KTIV highlighting individuals, families, veterans, etc. in the light of *how* people are getting help. As a news station we often showcase the good your agencies are doing, but we want to show *HOW* your agencies are making an impact on *real* people. We want to give a face to the person who is getting help and show our Siouxland area why you do what you do for this community. These are on camera interviews. We can film the interviews on location at your offices, in homes, or out on the streets wherever our subject – the person who uses your services is.

Each segment will have:

- 1 person using the service/non-profit, 1 person who represents the service/non-profit

Each segment will answer the following questions:

- How did you become homeless/get to a place where you needed assistance?
- What are the biggest challenges that are keeping you in your current situation?
- How is this organization helping this certain population?
- How can the community help you?

So how do we get started? Taylor Deckert with KTIV will be reaching out to each organization to set up pre-recorded interviews. If you can find a person using your services and a spokesperson for your organization to get on board, we can get the ball rolling.

Who wants to join in? Reach Taylor at tdeckert@ktiv.com.

Agencies being asked to be a part of this series:

- | | |
|--|---|
| - The Warming Shelter | - Haven House |
| - Catholic Charities | - Heartland Counseling Services |
| - Center For Siouxland | - Iowa Legal Aid |
| - FAVA/Westcare | - Lila Mae's House |
| - Northeast Nebraska Community | - Jackson Recovery Center |
| Action Partnership | - Iowa Workforce Development |
| - SafePlace | - Molina Health Care |
| - Salvation Army | - Ponca Tribe of Nebraska |
| - Center for Siouxland | - SHIP |
| - City of Sioux City – Housing Authority | - Siouxland Soup |
| - City of Sioux City – Neighborhood | - Siouxland Community Health Center |
| Services | - Siouxland Community Foundation |
| - City of Sioux City – Police Department | - Siouxland Mental Health |
| - Community Action Agency of | - United Health Care |
| Siouxland | - Women Aware |
| - Connections Area Agency on Aging | - Siouxland CARES |
| - Dismas Charities | - Who else? Email Taylor to add your |
| - Downtown Partners | name to the list tdeckert@ktiv.com . |
| - Gospel Mission | |

R.S.V.P. via email morgan.dodd@floydvalley.org

Plymouth County Health Planning Committee

December 13, 2024

11:00 a.m.

Please sign-in

Please sign in with your name. Write in your email address along with the company you represent if you are new to our meetings.

1. Judd Koppen - Le Mars Community Schools
2. Angela Loutsen - CHR - Tobacco
3. Laura Weiler - FVCH
4. April Chindlund - Mid Sioux
5. Julie Roos - Mid Sioux
6. Katie Vis - Mid Sioux
7. Kara Lennon - UPH PACE
8. Josh Wren - Seniors Helping Seniors Siouxland
9. Audismann - Child Care Nurse Consultant MISO
10. Jaden Harris - Le Mars YMCA
11. Katlin Harvey - Rosecrance Jackson
12. Andrea Loutsch - Gehlen Catholic
13. Kate Arkema - Gehlen Catholic Arkema@gehlencatholic.org
14. Jessica Brady - Gehlen
15. Kristin Hausmann - Gehlen Catholic
16. Kristen Ball - FVH
17. Monique Vo - FVH

18. Owen

19. Angie Scott

20. Christy Schwaderer

21. Dawn Kimmel

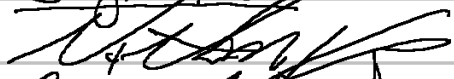
5/4/1

Healthy Families / Plymouth / Cherokee

Big Brothers Big Sisters of Sioux
SIMP CO

Hazard Mitigation Planning Meeting
Plymouth County
2024 Dec 13 1:30 PM

Le Mars Community Schools

<u>Name</u>	<u>Title</u>	<u>Signature</u>
Nate Kistner	simpcu	
Mark Stang	Mechanic	
Cedric Kellen	trans. Director	
Steve Weber	Superintendent	
Jaydon Nelson	Mechanic	
Becca Socknat	PCEMA	

Mitigation Planning Meeting
Dec 13 '24

Remsen Union admin offices

<u>Name</u>	<u>title</u>	<u>signature</u>
DAN BARKEL	Superintendent	Dan Barkel
TOBY YOUNG	PS-8 Principal	Toby Young
Brandon Weisert	PS-4/9-12 Principal	Brandon Weisert
Becca Socknat	PC EMA	Becca Socknat

Participant Tracking

Woodbury County

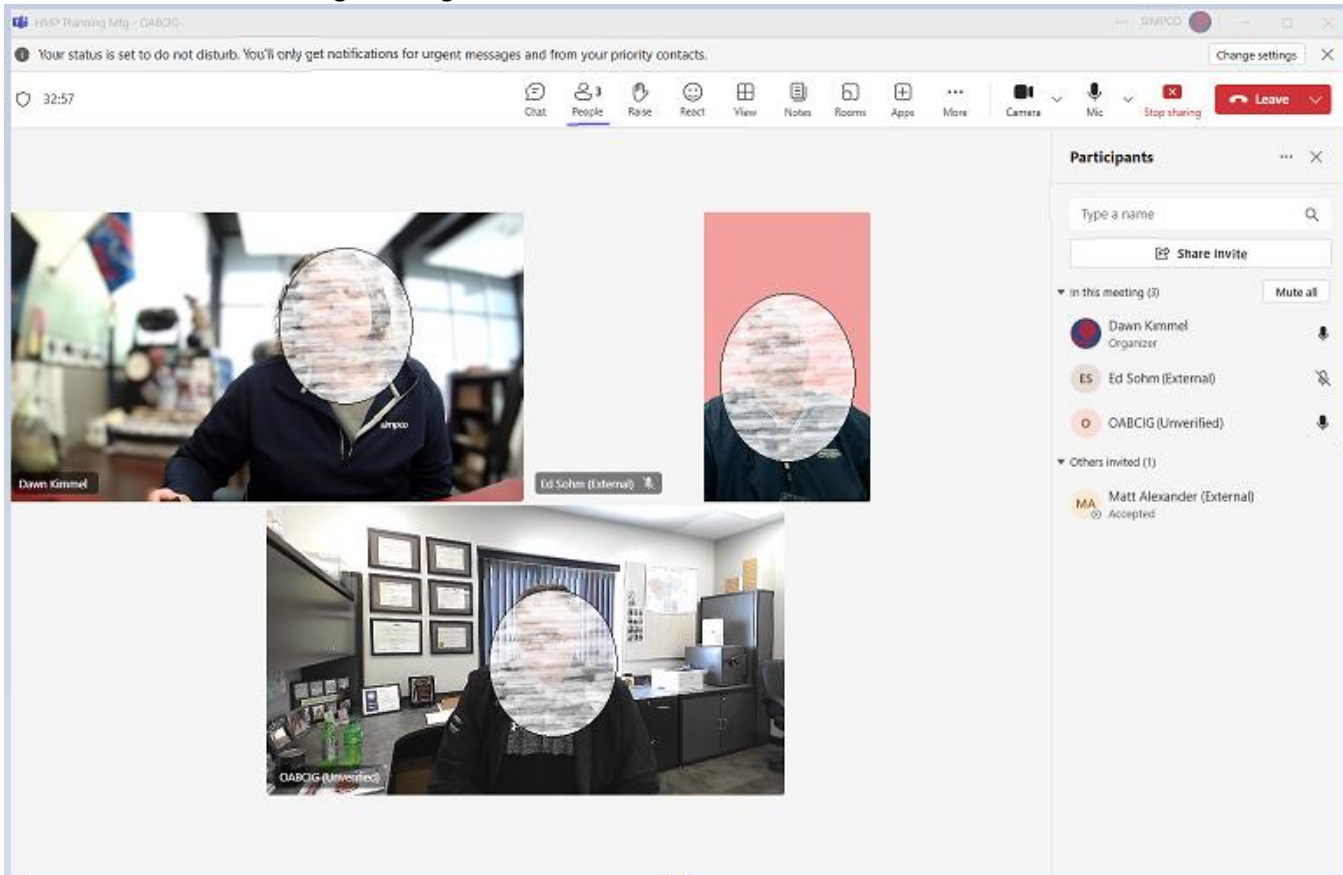
Sergeant Bluff-Luton CSA

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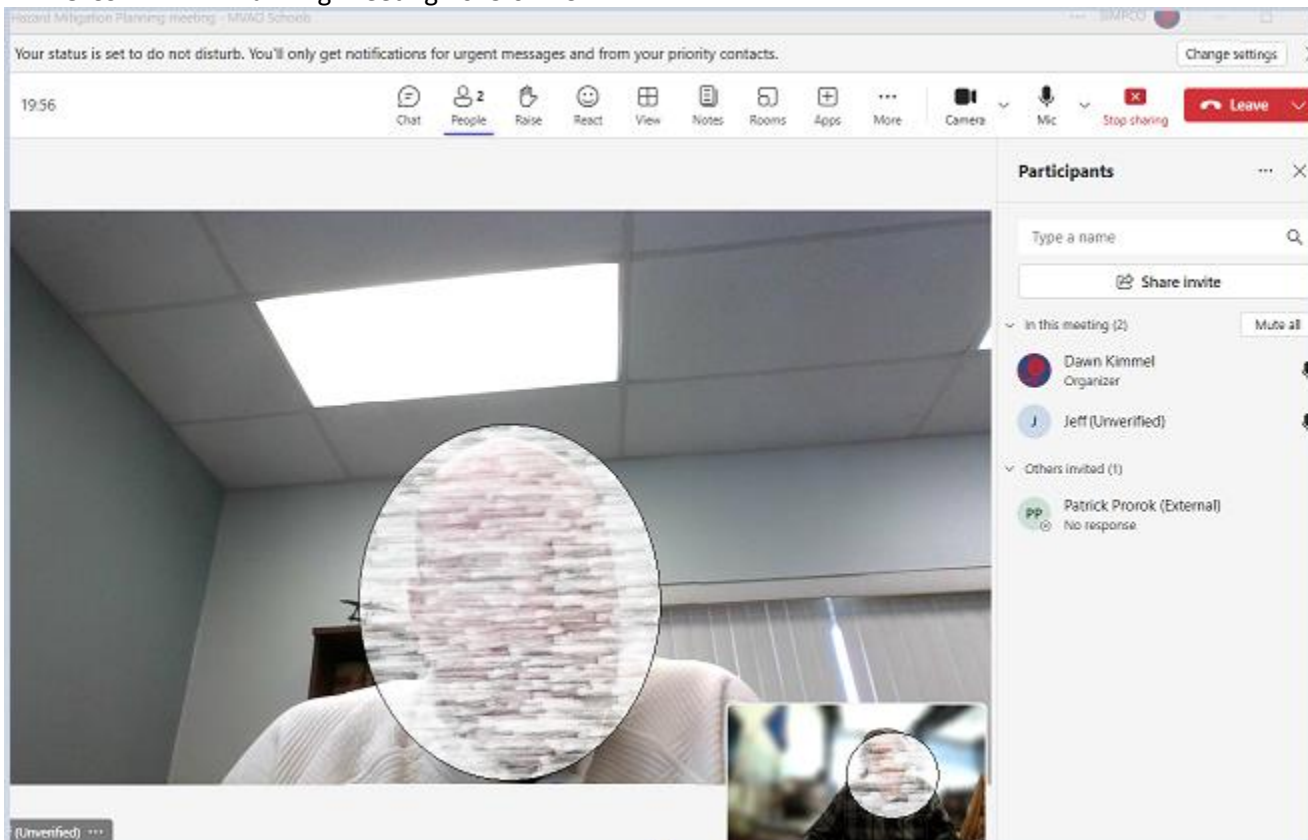
Page 1 of 1

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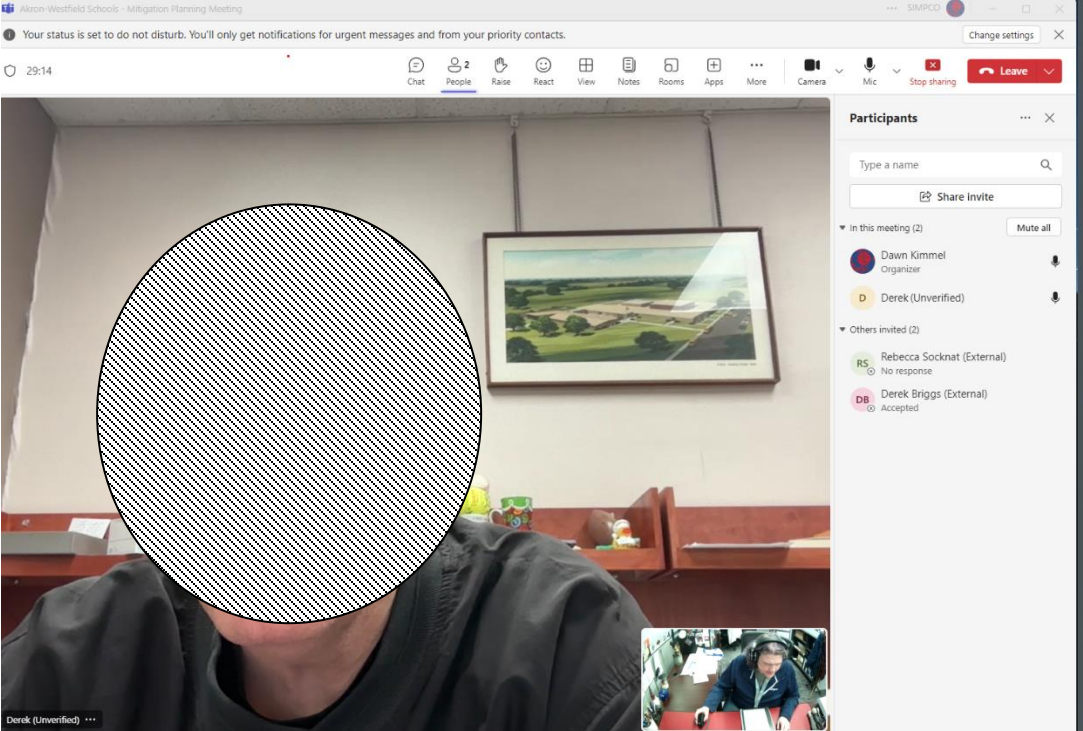
OABCIG CSD – HMP Planning Meeting 2025 02-25



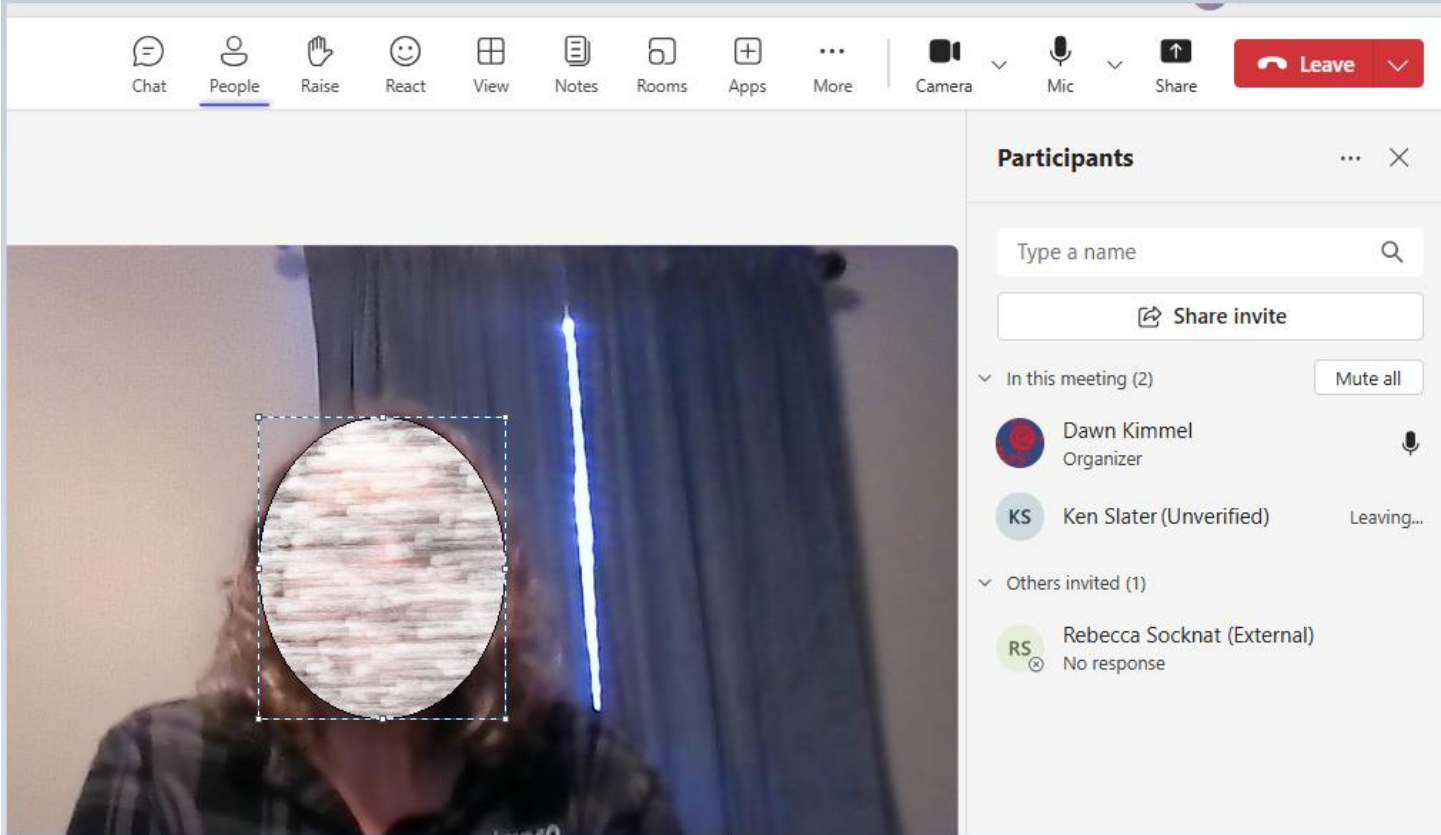
MVAO CSD – HMP Planning Meeting 2025 02-13



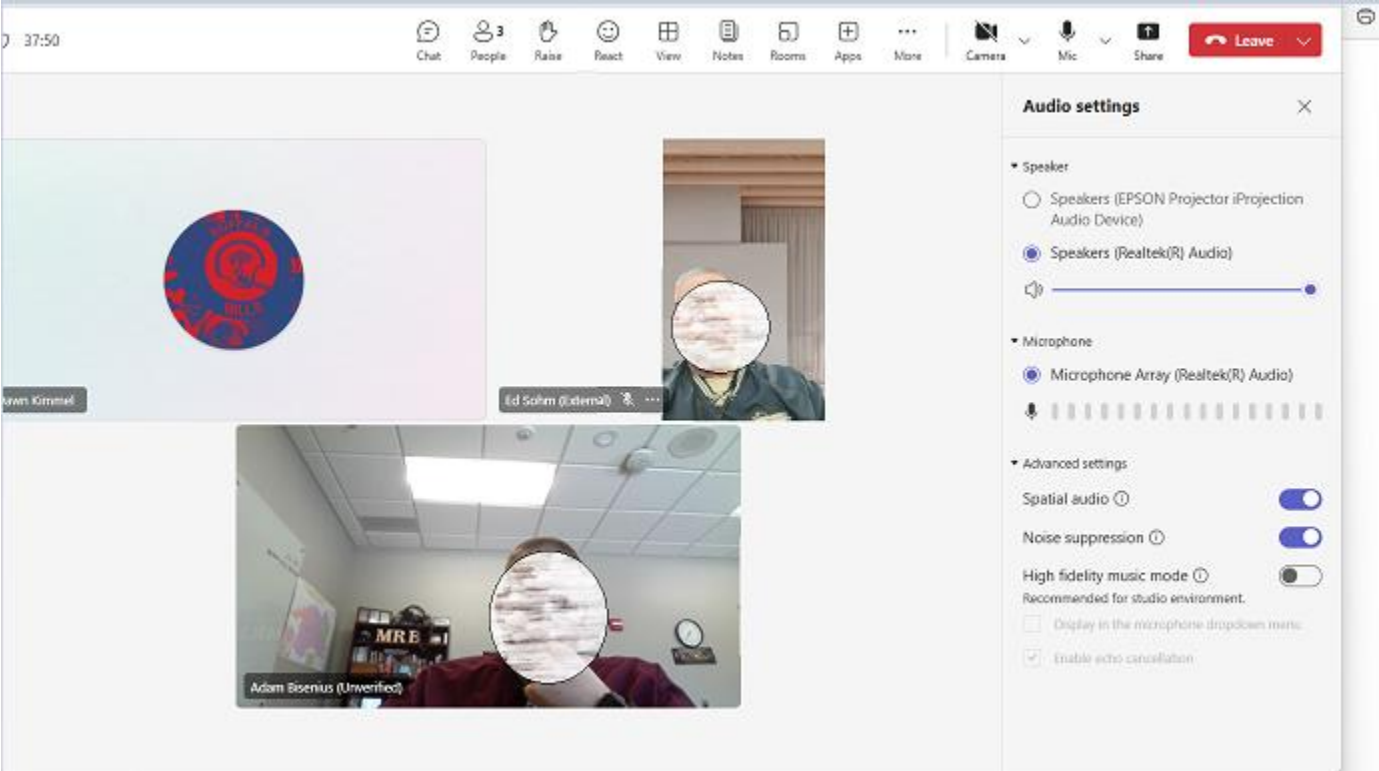
Akron-Westfield CSD Planning meeting 2025 Jan 08 15:30



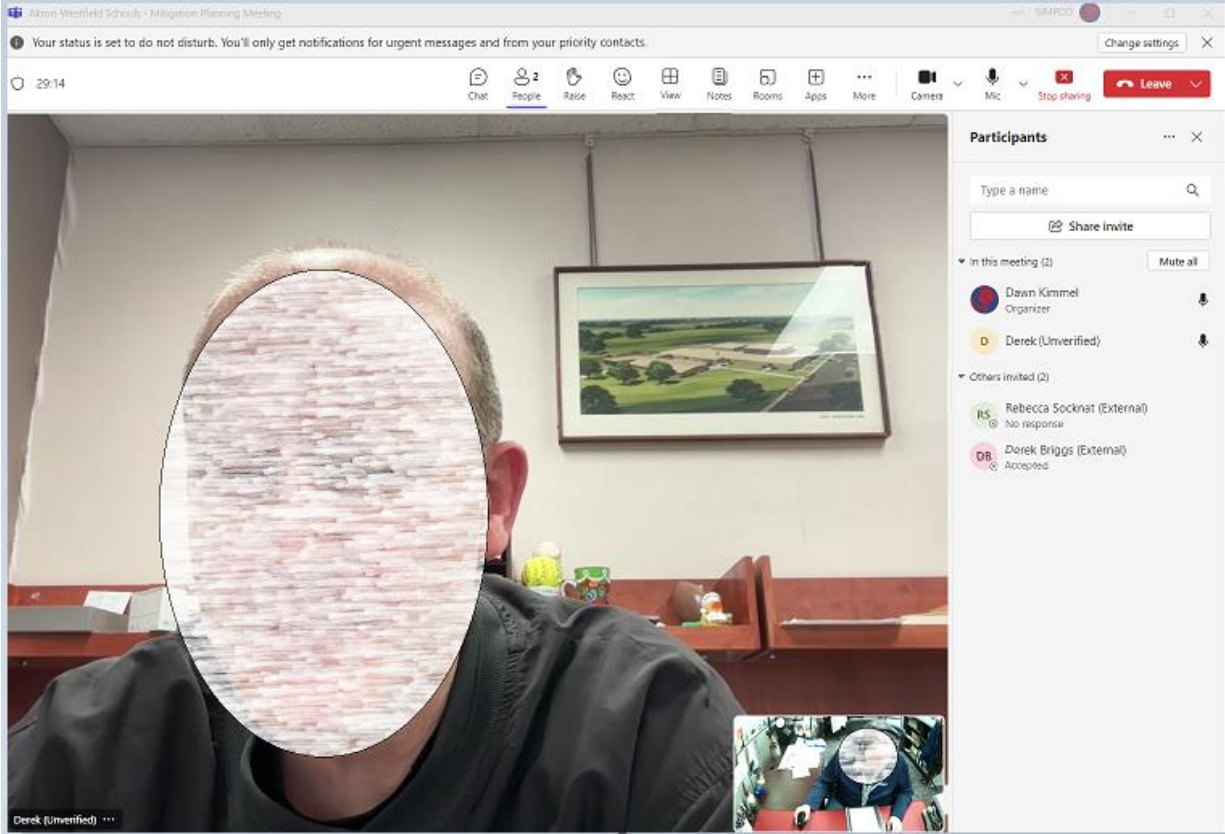
Hinton CSD Planning Meeting 2025 02-13



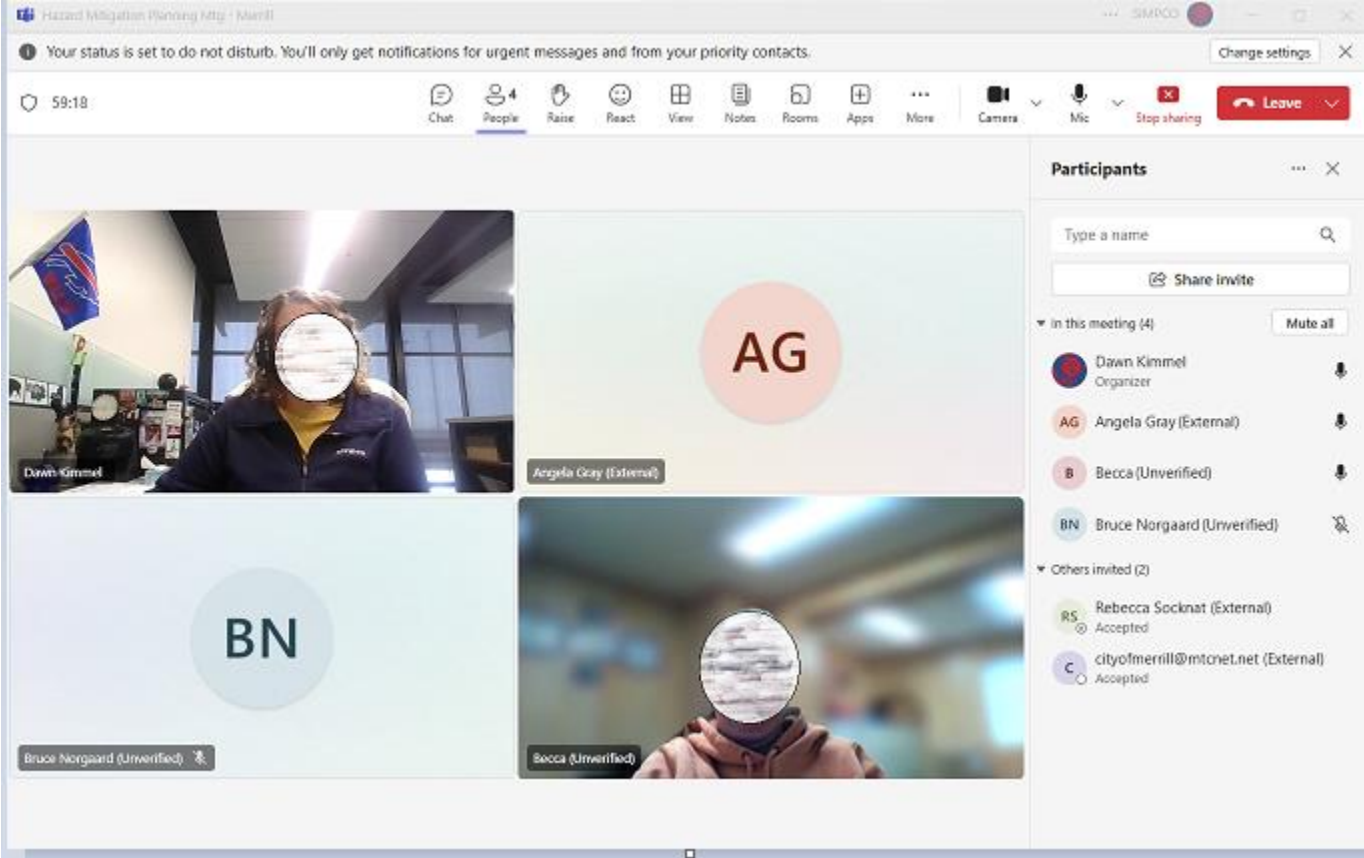
Galva-Holstein Ridge View Schools 2025 02-13



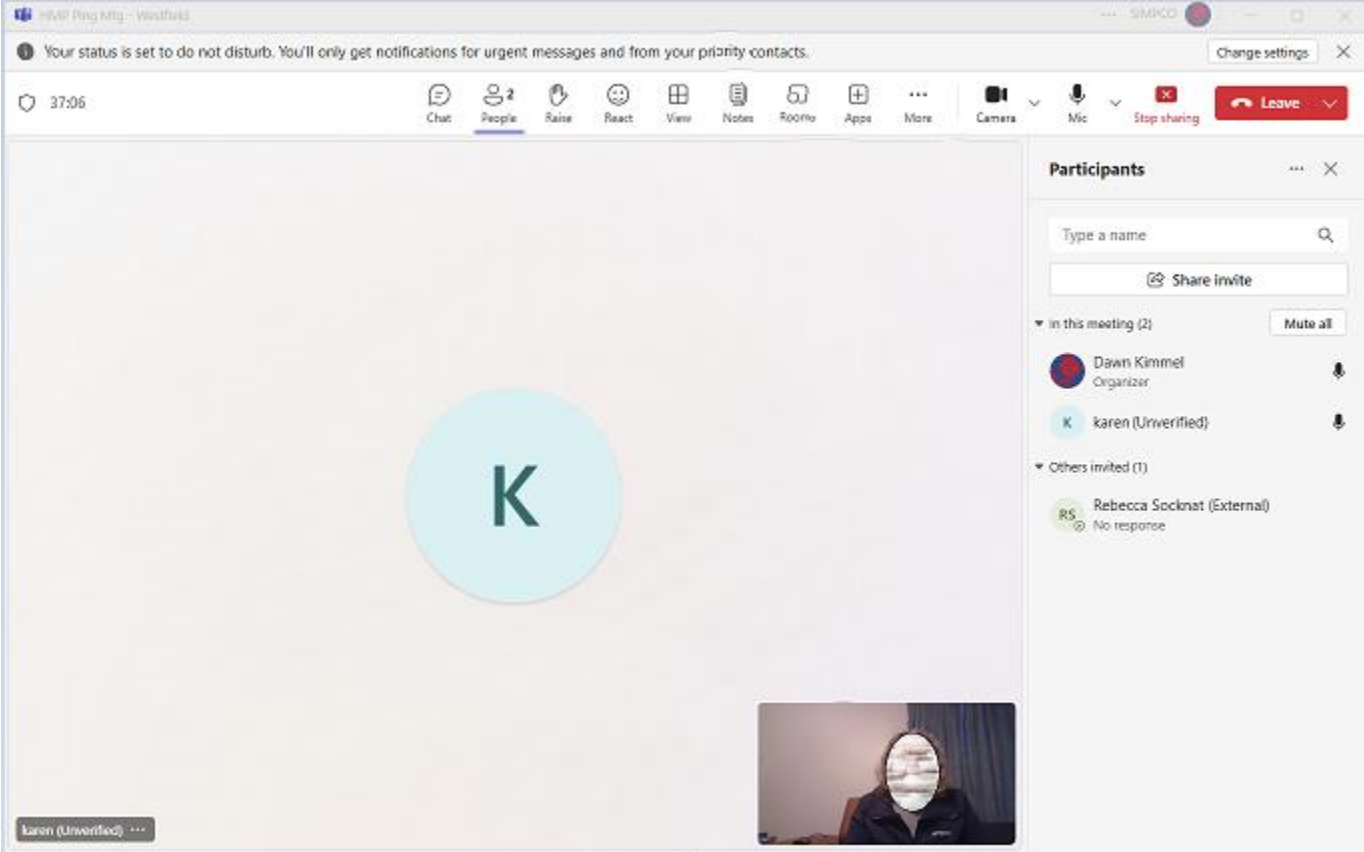
Akron-Westfield HMP Planning Meeting 2025 01-08



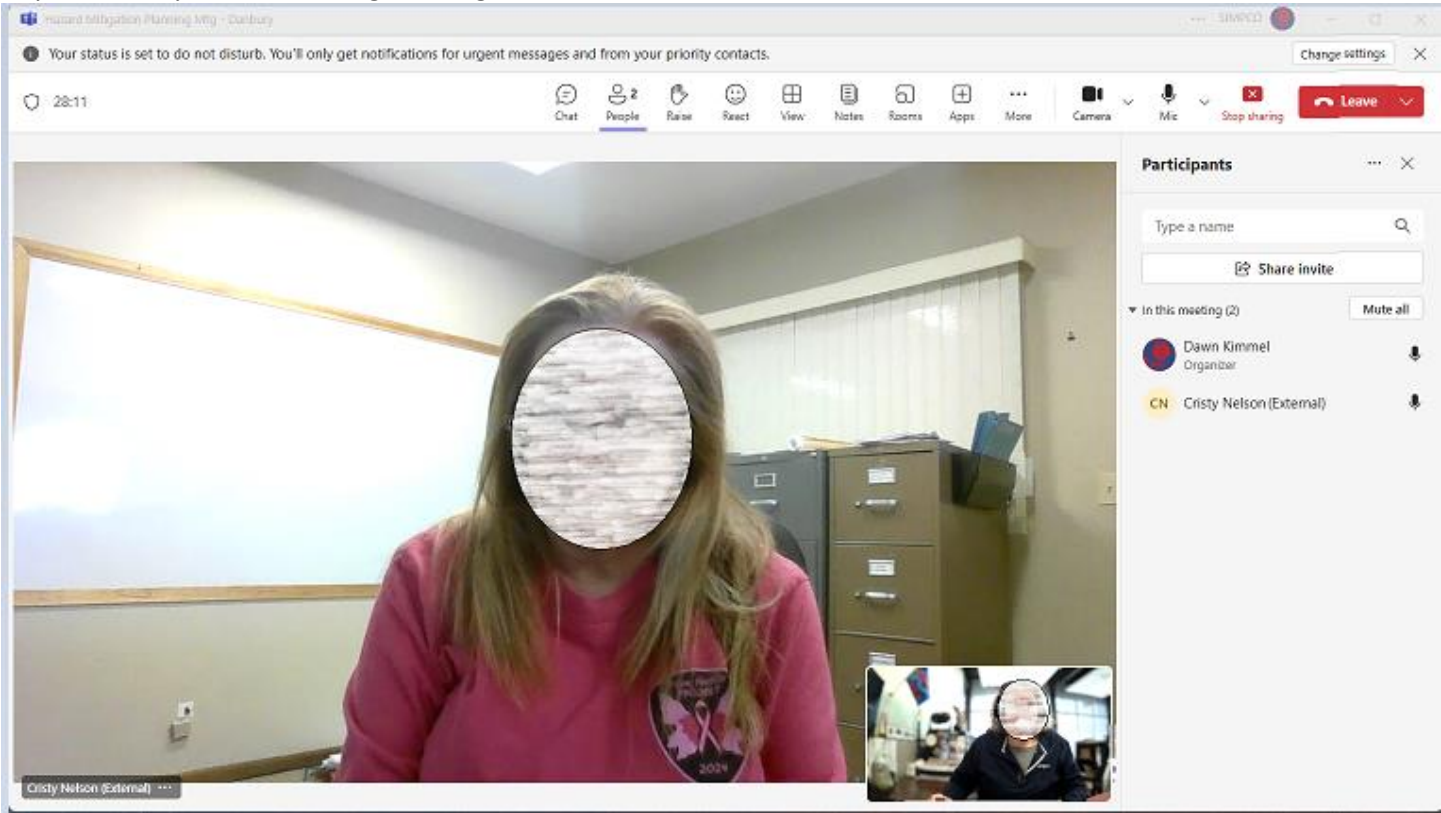
City of Merrill HMP Planning Meeting 2025 02-14



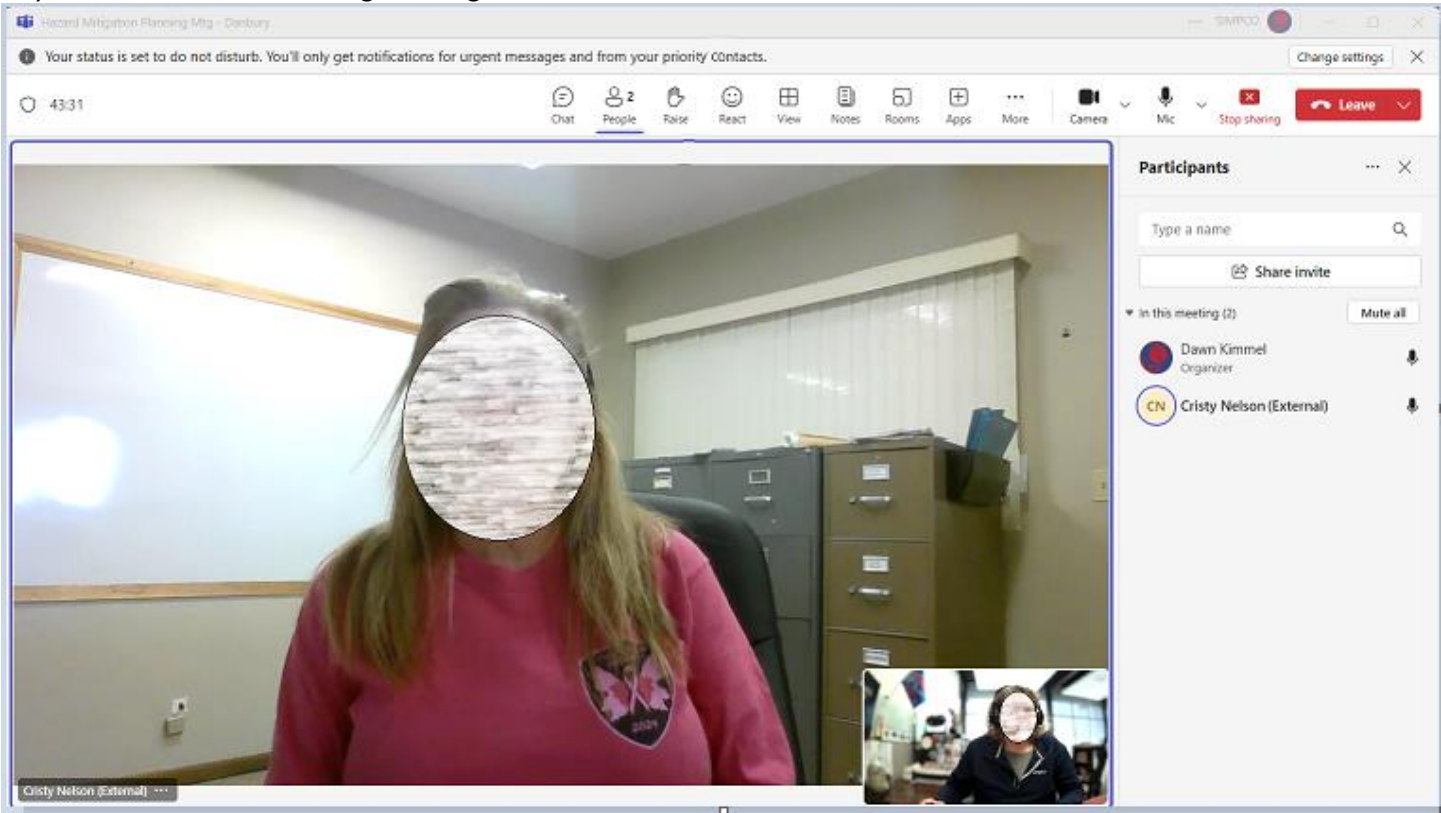
City of Westfield HMP Planning Meeting 2025 02-17



City of Danbury – HMP Planning Meeting 2025 02-25



City of Castana – HMP Planning Meeting 2025 02-25



ACTION TABLE: HAZARD BY JURISDICTION

The following set of tables highlights actions by jurisdiction as included in the project list for each hazard. Communities and School Districts without dedicated mitigation projects are not included.

Participating Jurisdictions					
Hazards	Cherokee County	Aurelia	Cherokee	Marcus	Quimby
Dam Failure/ Levee Failure	tributary study	Alert Iowa promotion	Alert Iowa Promo; study for flood protections	preparedness workshops; generator capacities; refuge	PSA
Drought	PSA	Alert Iowa promotion	brush truck (FD); Alert Iowa	awareness promos	infrastructure/ water system improvements (efficiency)
Extreme Heat	generator	generator/facility improvements; Alert Iowa promotion	facility improvements; Alert promos; refuge options	awareness promos	generators
Flooding - <i>Flash and Riverine</i>	tributary study; facility relocation	generator/facility improvements; Alert Iowa promotion	Lift station & other facility improvements; relocation program;	generator; refuge	generators
Grass or Wildland Fire	PSA; portable generator	Smoke detector prog	brush truck (FD); Alert Iowa	generator; refuge	generators
Severe Winter Storm	PSA; generators	generator/facility improvements; Alert Iowa promotion	shelter options; generators	generator; refuge	abandoned property protocol improvements
Sinkholes	not an imminent concern	not an imminent concern	not an imminent concern	not an imminent concern	not an imminent concern
Thunderstorm - Hail & Lightning	PSA; generators	generator/facility improvements; Alert Iowa promotion	shelter options; generators	generator; refuge	abandoned property protocol improvements
Tornado/Windstorm	PSA; generators	generator/facility improvements; Alert Iowa promotion	shelter options; generators	warning siren improvements	abandoned property protocol improvements

Participating Jurisdictions					
Hazards	Ida County	Arthur	Battle Creek	Galva	Holstein
Dam Failure/ Levee Failure	not a priority hazard at the county level; flood assessment may include related findings	not an imminent concern	not an imminent concern	not an imminent concern	not an imminent concern
Drought	PSAs/program awareness	PSAs	PSAs	weather radios/PSA	PSA
Extreme Heat	prog awareness/PSAs	PSAs; generator	PSAs; generator	shelter improvements	PSA
Flooding - <i>Flash and Riverine</i>	sandbag fillers; generators; road barricades; access road improvements to essential facilities; drainage proj; etc.	PSAs; generator	PSA; generator; facility relocation	PSA; weather radio communications	drainage proj; PSA
Grass or Wildland Fire	access improvements; awareness promos/PSAs	PSAs	communications equipment (connections with mutual aid agencies)	PSAs	PSA
Severe Winter Storm	access improvements; generators	PSAs; generator	PSAs; generator	PSA; shelter	PSA
Sinkholes	not an imminent concern for Ida County	not an imminent concern for Ida County	not an imminent concern for Ida County	not an imminent concern for Ida County	not an imminent concern for Ida County
Thunderstorm - Hail & Lightning	shelters	PSAs; generator	PSAs; generator	PSA; shelter	PSA; warning siren
Tornado/Windstorm	shelters	PSAs; generator	PSAs; generator; mutual aid communications	PSA; shelter	PSA; warning siren

Participating Jurisdictions					
Hazards	Ida Grove	Monona County	Blencoe	Castana	Mapleton
Dam Failure/ Levee Failure	A.C.E. Slip- lining proj	PSAs communications; barricades	mobile pumps proj; PSAs	PSA	not an imminent concern for jurisdiction
Drought	PSA	PSA	PSAs	PSAs; water system improvement (efficiency)	PSA
Extreme Heat	generator; refuge	PSAs; shelters	generator/refuge	PSA	PSA; refuge shelter
Flooding - Flash and Riverine	drainage projects; facility improvements	barricades; sandbag fillers	mobile pump; PSAs; Lift station improvements	PSA; washout prevention proj	Lift Station proj; generator; PSA

Grass or Wildland Fire	hydrant improvements	generators; PSA	PSAs	PSAs; water system improvement (hydrant performance)	PSA
Severe Winter Storm	equipment	equipment; PSA	Emergency Response Plan update; PSAs	PSA	PSA; generators
Sinkholes	not an imminent concern for Ida County	not an imminent concern for Monona County	not an imminent concern	not an imminent concern	not an imminent concern
Thunderstorm - Hail & Lightning	PSA; refuge	warning sirens; shelters	generators; PSAs	PSA	Generators; refuge shelter
Tornado/Windstorm	PSA; refuge; warning siren	warning sirens; shelters	generators; PSAs	PSA	warning siren; PSA; generators

Participating Jurisdictions					
Hazards	Moorhead	Onawa	Rodney	Solider	Ute
Dam Failure/ Levee Failure	PSA; generator; shelter	PSAs	PSAs; Alert Iowa prog	PSA	PSA
Drought	PSA; generator; shelter	PSAs	re-tree efforts; PSAs	PSA	PSA
Extreme Heat	shelter; PSA	generators; PSAs	PSA	generator	re-treeing proj; PSA; generator
Flooding - Flash and Riverine	drainage proj	drainage projects; pumps	PSA	generator; PSA	generator; PSA
Grass or Wildland Fire	UTV for access; PSAs	PSAs	PSA	waterworks improvements; PSA	PSA
Severe Winter Storm	PSA; generator; shelter	equipment; generators	PSA	generator; PSA	generator; PSA
Sinkholes	Study to pinpoint cause and correction of sinkholes; drainage proj	not an imminent concern	not an imminent concern	not an imminent concern	not an imminent concern
Thunderstorm - Hail & Lightning	PSA; generator; shelter	generators; PSAs	PSA	generator; PSA	generator; PSA
Tornado/Windstorm	warning siren; shelter; PSAs	generators; PSAs	PSA	generator; PSA	generator; PSA

Participating Jurisdictions					
Hazards	Whiting	Plymouth County	Akron	Hinton	Kingsley
Dam Failure/ Levee Failure	PSA	enhanced alerts; localized warnings	PSA improvements	improved Inter-agency & resident communications	PSA
Drought	PSA	local alerts	PSA improvements	improve resident communications/info	PSA

Extreme Heat	generator; PSA	generators; localized messages	PSA improvements	shelter; awareness info	PSA
Flooding - Flash and Riverine	grass fire rig	drainage improvements; local alerts	generator connection; drainage project; Berms/levees to reduce effects of floods;	mobile pump	PSA; generators
Grass or Wildland Fire	generator; PSA	local alerts	PSA improvements	Hydrant capacity proj	PSA
Severe Winter Storm	generator; PSA	local alerts; generators	generator connection	shelter; generators	PSA; generators
Sinkholes	not an imminent concern	not an imminent concern for Plymouth County	Rip-rap to stabilize soil at vulnerable locations	stormwater runoff & drainage projects	not an imminent concern
Thunderstorm - Hail & Lightning	generator; PSA	generators; localized messages	generator connection	shelter; generators	PSA; generators
Tornado/Windstorm	generator; PSA	generators; localized messages	generator connection	shelter; generators	PSA; generators

Participating Jurisdictions					
Hazards	Le Mars	Merrill	Oyens	Remsen	Struble
Dam Failure/ Levee Failure	River study	Dyke enhancement project	PSA	not an imminent concern for Remsen	PSA: condition awareness
Drought	PSA	PSA: condition awareness	PSA	PSA: condition awareness	PSA: condition awareness
Extreme Heat	PSA	refuge; PSA	Park proj w/Shelter	PSA: condition awareness	PSA: condition awareness
Flooding - Flash and Riverine	river redirection study; Riverbank/Creekbank stabilization;	Flood study	Shelter; PSA	Storm drain proj	Drainage proj; PSA
Grass or Wildland Fire	water flow controls; new FD facility	PSA (condition awareness)	PSA: condition awareness	FD Equipment improvements	Local tanker placement project
Severe Winter Storm	PSA	PSA; shelter	PSA; shelter	PSA: condition awareness	PSA: condition awareness
Sinkholes	not an imminent concern	flood study; not an imminent threat at present	not an imminent concern for Oyens	Storm drain proj	drainage proj
Thunderstorm - Hail & Lightning	PSA	shelter proj	Shelter; PSA	PSA condition awareness	PSA: condition awareness
Tornado/Windstorm	warning siren	shelter proj	PSA	PSA: condition awareness	Warning siren

Participating Jurisdictions					
Hazards	Westfield	Woodbury County	Anthon	Bronson	Correctionville
Dam Failure/ Levee Failure	berm reinforcement	PSA promos	PSA: condition awareness	PSA - condition awareness	PSA condition awareness
Drought	PSA: Condition awareness	PSA promos	PSA: condition awareness	PSA - condition awareness	PSA condition awareness

Extreme Heat	PSA: Condition awareness	PSA promos	PSA: condition awareness	generator to maintain refuge/shelter	shelter/refuge; generator
Flooding - Flash and Riverine	waterwork proj components; berm reinforcement	Additional pumps	Riverbank stabilization proj	retention pond proj	drainage proj; facility improvements (flood controls included)
Grass or Wildland Fire	PSA: Condition awareness	PSA promos	PSA: condition awareness	PSA: red flag warnings	PSA - red flag warnings
Severe Winter Storm	PSA: Condition awareness	Generators; PSA promos	PSA: condition awareness	generator to maintain refuge/shelter	shelter/refuge; generator
Sinkholes	not an imminent threat	Pumps (prevent underwasahing and reduce runoff)	not an imminent concern	Not an imminent concern	drainage proj
Thunderstorm - Hail & Lightning	PSA: Condition awareness	Generators; PSA promos	PSA: condition awareness	generator to maintain refuge/shelter	shelter/refuge; generator
Tornado/Windstorm	PSA: Condition awareness	Generators; PSA promos	PSA: condition awareness	generator to maintain refuge/shelter	shelter/refuge; generator

Participating Jurisdictions					
Hazards	Cushing	Danbury	Hornick	Lawton	Moville
Dam Failure/ Levee Failure	PSA (disaster awareness & preparedness)	PSA - condition awareness	PSA info; alerts	PSA info; alerts	berm improvements
Drought	PSA (disaster awareness & preparedness)	PSA - condition awareness	PSA info; alerts	PSA info; alerts	PSA - awareness/ preparation
Extreme Heat	PSA (disaster awareness & preparedness)	PSA - condition awareness	PSA info; alerts	PSA info; alerts	PSA - awareness/ preparation
Flooding - Flash and Riverine	PSA (disaster awareness & preparedness)	generator to maintain system ops to prevent further issues	PSA info; alerts	PSA info; alerts	berm improvements
Grass or Wildland Fire	PSA (disaster awareness & preparedness)	PSA - condition awareness; red flag warning	smoke detector prog	PSA info; alerts	PSA - awareness/ preparation
Severe Winter Storm	PSA (disaster awareness & preparedness)	generator	Weather radios; PSA	PSA info; alerts	siren assessment; generator; shelter
Sinkholes	not an imminent concern	not an imminent concern	not an imminent concern	not an immediate concern	not an imminent concern
Thunderstorm - Hail & Lightning	PSA (disaster awareness & preparedness)	generator	PSA info; alerts	PSA info; alerts	generator
Tornado/Windstorm	PSA (disaster awareness & preparedness)	generator	PSA info; alerts	PSA info; alerts	warning siren assessment; generators

Participating Jurisdictions					
Hazards	Oto	Pierson	Salix	Sgt Bluff	Sioux City
Dam Failure/ Levee Failure	PSA - condition awareness	PSA - awareness	water re-direction proj	Awareness promos	levee extension; sandbagging equipment; Conduit/Channel projects;
Drought	PSA - condition awareness	PSA - awareness	PSA - preparedness/ awareness	Awareness promos	tree replacement (water retention)
Extreme Heat	PSA - condition awareness	refuge loc	PSA - preparedness/ awareness	Awareness promos	Alert improvements
Flooding - Flash and Riverine	PSA - condition awareness	drainage improvements	drainage improvements	Awareness promos	flood response equip storage proj; add'l equip; ponding proj; levee extension; etc.
Grass or Wildland Fire	FD facility & equipment	PSA - awareness	hydrant improvements	equipment improvements/ additions; UTV for access	Alert system improvements
Severe Winter Storm	generator	refuge/generator	generator	Awareness promos	Alert system improvements
Sinkholes	not an immediate concern	not an imminent concern	not an imminent threat	Awareness promos	targeted drain improvements and reconstruction
Thunderstorm - Hail & Lightning	generator	generator	PSA - preparedness/ awareness	Awareness promos	Alert system improvements
Tornado/Windstorm	generator	generator/refuge	PSA - preparedness/ awareness	siren project	Alert system improvements

Participating Jurisdictions			Participating School Districts		
Hazards	Sloan	Smithland	A-W CSD	Cherokee CSD	Hinton CSD
Dam Failure/ Levee Failure	PSA - awareness/ preparedness	Awareness campaign	(Not specific concern to jurisdiction)	generator	PSA
Drought	PSA - awareness/ preparedness	Awareness campaign	(Not specific concern to jurisdiction)	PSA	PSA
Extreme Heat	PSA - awareness/ preparedness	Awareness campaign	PSA	PSA; use as shelter	PSA; use as shelter/refuge
Flooding - Flash and Riverine	PSA - awareness/ preparedness	Awareness campaign	PSA; culvert proj; bus barn proj	PSA; generator	PSA; use as shelter/refuge
Grass or Wildland Fire	improved water pressure with system improvements project	Awareness campaign	PSA	PSA; use as shelter/refuge	PSA
Severe Winter Storm	PSA - awareness/ preparedness	Awareness campaign	PSA; generator	PSA; generator/shelter	PSA; use as shelter/refuge
Sinkholes	not an immediate concern	Awareness campaign	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	no specific proj defined
Thunderstorm - Hail & Lightning	PSA - awareness/ preparedness	Awareness campaign	PSA; generator	PSA; generator	PSA; use as shelter/refuge
Tornado/Windstorm	PSA - awareness/ preparedness	warning siren proj	PSA; generator	PSA; generator	PSA; use as shelter/refuge

Participating School Districts					
Hazards	K-P SD	Le Mars CSD	MMC	Remsen Union	Ridge View CSD (Galva-Holstein)
Dam Failure/ Levee Failure	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)
Drought	PSA	PSA	PSA	PSA	PSA
Extreme Heat	PSA; generator	PSA	PSA; generator	PSA; generator	PSA; shelter
Flooding - Flash and Riverine	PSA; generator	PSA; weather radios	PSA; generator	PSA; generator	generator; shelter
Grass or Wildland Fire	PSA	PSA	PSA	PSA	PSA
Severe Winter Storm	PSA; generator	PSA; weather radios	PSA; generator	PSA; generator	PSA; generator; shelter
Sinkholes	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)
Thunderstorm - Hail & Lightning	PSA; generator	PSA; weather radios	PSA; generator	PSA; generator	PSA; generator; shelter
Tornado/Windstorm	PSA; generator	PSA; weather radios	PSA; generator	PSA; generator	PSA; generator; shelter

Participating School Districts				
Hazards	River Valley CSD	SB-L CS	SCCSD	Westwood CS
Dam Failure/ Levee Failure	PSA; refuge/shelter	(Not specific concern to jurisdiction)	PSA	PSA
Drought	PSA	PSA	PSA	PSA; re-treeing
Extreme Heat	PSA; generator	PSA; generator; facility improvements/repairs	PSA	PSA; generator
Flooding - Flash and Riverine	PSA; generator	PSA; generator	PSA	PSA; generator
Grass or Wildland Fire	PSA	PSA	PSA	PSA
Severe Winter Storm	PSA; generator	PSA; generator; facility improvements/repairs	PSA	PSA; generator; re-treeing
Sinkholes	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)	(Not specific concern to jurisdiction)
Thunderstorm - Hail & Lightning	PSA; generator	PSA; generator; facility improvements/repairs	PSA	PSA; generator
Tornado/Windstorm	PSA; generator	PSA; generator; facility improvements/repairs	PSA	PSA; generator

While contributing to plan development, FEMA recognition of participation will require an amendment at the local jurisdiction level, per the amendment process for the following jurisdictions.

Non-Participating Jurisdictions			
Cherokee County		Monona County	Plymouth County
Cleghorn	Meriden	Turin	Brunsville

Larrabee	Washta		Craig
School Districts			
Alta-Aurelia CSD (participant in Beuna Vista Co HM Plan)	L-B SD	OA&BC-IG CSD	Whiting CSD
	MVAO CSD	West Monona CSD	Wdby Ctrl CSD

Appendix C: Local Mitigation Plan Review Tool

The review tool as returned by FEMA noting Approved Pending Adoption status.

Local Mitigation Plan Review Tool

Cover Page

The Local Mitigation Plan Review Tool (PRT) demonstrates how the local mitigation plan meets the regulation in 44 CFR § 201.6 and offers states and FEMA Mitigation Planners an opportunity to provide feedback to the local governments, including special districts.

1. The Multi-Jurisdictional Summary Sheet is a worksheet that is used to document how each jurisdiction met the requirements of the plan elements (Planning Process; Risk Assessment; Mitigation Strategy; Plan Maintenance; Plan Update; and Plan Adoption).
2. The Plan Review Checklist summarizes FEMA's evaluation of whether the plan has addressed all requirements.

For greater clarification of the elements in the Plan Review Checklist, please see Section 4 of this guide. Definitions of the terms and phrases used in the PRT can be found in Appendix E of this guide.

Plan Information	
Jurisdiction(s)	Cherokee, Ida, Monona, Plymouth, and Woodbury Counties
Title of Plan	Regional Hazard Mitigation Plan
New Plan or Update	Update
Single- or Multi-Jurisdiction	Multi-jurisdiction
Date of Plan	9/16/2025
Local Point of Contact	
Title	Rebecca Socknat
Agency	Plymouth County EMA
Address	231 2 nd Ave NE PO Box 1022 Le Mars, IA 51031
Phone Number	Click or tap here to enter text.
Email	rsocknat@plymouthcountyiowa.gov

Additional Point of Contact	
Title	Dawn Kimmel
Agency	Siouxland Interstate Metropolitan Planning Council
Address	6401 Gordon Dr
Phone Number	(712) 3334911
Email	dawn@simpco.org

Review Information	
State Review	
State Reviewer(s) and Title	Jim Marwedel, Hazard Mitigation Program Manager
State Review Date	10/22/2025
FEMA Review	
FEMA Reviewer(s) and Title	Marisa Alvares, Emergency Management Specialist
Date Received in FEMA Region	11/14/2025, 4/15/2026
Plan Not Approved	12/23/2025
Plan Approvable Pending Adoption	4/20/2026
Plan Approved	Click or tap to enter a date.

Multi-Jurisdictional Summary Sheet

In the boxes for each element, mark if the element is met (Y) or not met (N).

#	Jurisdiction Name	A. Planning Process	B. Risk Assessment	C. Mitigation Strategy	D. Plan Maintenance	E. Plan Update	F. Plan Adoption	G. HHPD Requirements	H. State Requirements
1	Cherokee County	Y	Y	Y	Y	Y	N	N	N/A
2	City of Aurelia	Y	Y	Y	Y	Y	N	N	N/A
3	City of Cherokee	Y	Y	Y	Y	Y	N	N	N/A
4	City of Cleghorn*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5	City of Larrabee*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
6	City of Marcus	Y	Y	Y	Y	Y	N	N	N/A
7	City of Meriden*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
8	City of Quimby	Y	Y	Y	Y	Y	N	N	N/A
9	City of Washta*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10	Ida County	Y	Y	Y	Y	Y	N	N	N/A
11	City of Arthur	Y	Y	Y	Y	Y	N	N	N/A
12	City of Battle Creek	Y	Y	Y	Y	Y	N	N	N/A
13	City of Galva	Y	Y	Y	Y	Y	N	N	N/A
14	City of Holstein	Y	Y	Y	Y	Y	N	N	N/A
15	City of Ida Grove	Y	Y	Y	Y	Y	N	N	N/A
16	Monona County	Y	Y	Y	Y	Y	N	N	N/A
17	City of Blencoe	Y	Y	Y	Y	Y	N	N	N/A
18	City of Castana	Y	Y	Y	Y	Y	N	N	N/A
19	City of Mapleton	Y	Y	Y	Y	Y	N	N	N/A
20	City of Moorhead	Y	Y	Y	Y	Y	N	N	N/A
21	City of Onawa	Y	Y	Y	Y	Y	N	N	N/A
22	City of Rodney	Y	Y	Y	Y	Y	N	N	N/A
23	City of Soldier	Y	Y	Y	Y	Y	N	N	N/A
24	City of Turin	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
25	City of Ute	Y	Y	Y	Y	Y	N	N	N/A

#	Jurisdiction Name	A. Planning Process	B. Risk Assessment	C. Mitigation Strategy	D. Plan Maintenance	E. Plan Update	F. Plan Adoption	G. HHPD Requirements	H. State Requirements
26	City of Whiting	Y	Y	Y	Y	Y	N	N	N/A
27	Plymouth County	Y	Y	Y	Y	Y	N	N	N/A
28	City of Akron	Y	Y	Y	Y	Y	N	N	N/A
29	City of Brunswick*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
30	City of Craig*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
31	City of Hinton	Y	Y	Y	Y	Y	N	N	N/A
32	City of Kingsley	Y	Y	Y	Y	Y	N	N	N/A
33	City of Le Mars	Y	Y	Y	Y	Y	N	N	N/A
34	City of Merrill	Y	Y	Y	Y	Y	N	N	N/A
35	City of Oyens	Y	Y	Y	Y	Y	N	N	N/A
36	City of Remsen	Y	Y	Y	Y	Y	N	N	N/A
37	City of Struble	Y	Y	Y	Y	Y	N	N	N/A
38	City of Westfield	Y	Y	Y	Y	Y	N	N	N/A
39	Woodbury County	Y	Y	Y	Y	Y	N	N	N/A
40	City of Anthon	Y	Y	Y	Y	Y	N	N	N/A
41	City of Bronson	Y	Y	Y	Y	Y	N	N	N/A
42	City of Correctionville	Y	Y	Y	Y	Y	N	N	N/A
43	City of Cushing	Y	Y	Y	Y	Y	N	N	N/A
44	City of Danbury	Y	Y	Y	Y	Y	N	N	N/A
45	City of Hornick	Y	Y	Y	Y	Y	N	N	N/A
46	City of Lawton	Y	Y	Y	Y	Y	N	N	N/A
47	City of Merville	Y	Y	Y	Y	Y	N	N	N/A
48	City of Oto	Y	Y	Y	Y	Y	N	N	N/A
49	City of Pierson	Y	Y	Y	Y	Y	N	N	N/A
50	City of Salix	Y	Y	Y	Y	Y	N	N	N/A
51	City of Sergeant Bluff	Y	Y	Y	Y	Y	N	N	N/A
52	City of Sioux City	Y	Y	Y	Y	Y	N	N	N/A
53	City of Sloan	Y	Y	Y	Y	Y	N	N	N/A

#	Jurisdiction Name	A. Planning Process	B. Risk Assessment	C. Mitigation Strategy	D. Plan Maintenance	E. Plan Update	F. Plan Adoption	G. HHPD Requirements	H. State Requirements
54	City of Smithland	Y	Y	Y	Y	Y	N	N	N/A
55	Akron-Westfield CSD	Y	Y	Y	Y	Y	N	N	N/A
56	Alta-Aurelia CSD*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
57	Cherokee CSD	Y	Y	Y	Y	Y	N	N	N/A
58	Galva-Holstein CSD	Y	Y	Y	Y	Y	N	N	N/A
59	Hinton CSD	Y	Y	Y	Y	Y	N	N	N/A
60	Kingsley-Pierson School District	Y	Y	Y	Y	Y	N	N	N/A
61	Lawton-Bronson School District (LB) *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
62	Le Mars Community School District	Y	Y	Y	Y	Y	N	N	N/A
63	Maple Valley-Anthon-Oto CSD (MVAO) *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
64	Marcus-Meriden-Cleghorn CSD	Y	Y	Y	Y	Y	N	N	N/A
65	Odebolt-Arthur-Battle-Creek-Ida Grove CSD (OABCIG) *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
66	Remsen Union	Y	Y	Y	Y	Y	N	N	N/A
67	River Valley CSD	Y	Y	Y	Y	Y	N	N	N/A
68	Sergeant Bluff-Luton Community Schools (SBL CSD)	Y	Y	Y	Y	Y	N	N	N/A
69	Sioux City CSD (SCCSD)	Y	Y	Y	Y	Y	N	N	N/A
70	West Monona CSD*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
71	Westwood Schools	Y	Y	Y	Y	Y	N	N	N/A
72	Whiting CSD*	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
73	Woodbury Central CSD *	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Indicates a nonparticipant: Did not provide updated mitigation strategies or provide plan adoption; these jurisdictions will need to complete a formal plan amendment process to be part of the plan update. See Element F for adoption requirements.

Plan Review Checklist

The Plan Review Checklist is completed by FEMA. States and local governments are encouraged, but not required, to use the PRT as a checklist to ensure all requirements have been met prior to submitting the plan for review and approval. The purpose of the checklist is to identify the location of relevant or applicable content in the plan by element/sub-element and to determine if each requirement has been “met” or “not met.” FEMA completes the “required revisions” summary at the bottom of each element to clearly explain the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is “not met.” Sub-elements in each summary should be referenced using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each element and sub-element are described in detail in Section 4: Local Plan Requirements of this guide.

Plan updates must include information from the current planning process.

If some elements of the plan do not require an update, due to minimal or no changes between updates, the plan must document the reasons for that.

Multi-jurisdictional elements must cover information unique to all participating jurisdictions.

Element A: Planning Process

Element A Requirements	Location in Plan (section and/or page number)	Met / Not Met
A1. Does the plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement 44 CFR § 201.6(c)(1))		
A1-a. Does the plan document how the plan was prepared, including the schedule or time frame and activities that made up the plan’s development, as well as who was involved?	Section I.D.	Met
A1-b. Does the plan list the jurisdiction(s) participating in the plan that seek approval, and describe how they participated in the planning process?	Section I.A., p. 1-2 to 1-4 and 1-6	Met

Element A Requirements	Location in Plan (section and/or page number)	Met / Not Met
A2. Does the plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development as well as businesses, academia, and other private and non-profit interests to be involved in the planning process? (Requirement 44 CFR § 201.6(b)(2))		
A2-a. Does the plan identify all stakeholders involved or given an opportunity to be involved in the planning process, and how each stakeholder was presented with this opportunity?	Section III.B.	Met
A3. Does the plan document how the public was involved in the planning process during the drafting stage and prior to plan approval? (Requirement 44 CFR § 201.6(b)(1))		
A3-a. Does the plan document how the public was given the opportunity to be involved in the planning process and how their feedback was included in the plan?	Section III.B. Capabilities and Risk Assessment sections for each community	Met
A4. Does the plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement 44 CFR § 201.6(b)(3))		
A4-a. Does the plan document what existing plans, studies, reports and technical information were reviewed for the development of the plan, as well as how they were incorporated into the document?	Section I.D., pp. 1-5 to 1-6	Met

ELEMENT A REQUIRED REVISIONS

Required Revision: **None**

Opportunities for Improvement:

A1-b. Each participating jurisdiction's profile lists hazard mitigation plan meeting attendance. It is not clear what level of engagement these individuals had during the plan update aside from attending meetings. Consider expanding upon the narrative to include details about how these attendees engaged in the development of the plan. Engagement can be documented a verity of ways, such as reviewing and commenting on drafts, completing surveys, attending meetings, and participating in one-on-one meetings.

Strengths:

A3-a. The plan documents how the public had an opportunity to be involved in the current planning process by incorporating relevant survey results into participant profile narratives. Students from schools within the planning area were offered an opportunity to participate in the plan update by completing surveys as well. This offers a unique perspective of a specific population within the community.

A4-a. A variety of existing plans, studies, reports, and technical information are included in Appendix E of the plan.

Element B: Risk Assessment

Element B Requirements	Location in Plan (section and/or page number)	Met / Not Met
B1. Does the plan include a description of the type, location, and extent of all natural hazards that can affect the jurisdiction? Does the plan also include information on previous occurrences of hazard events and on the probability of future hazard events? (Requirement 44 CFR § 201.6(c)(2)(i))		
B1-a. Does the plan describe all natural hazards that can affect the jurisdiction(s) in the planning area, and does it provide the rationale if omitting any natural hazards that are commonly recognized to affect the jurisdiction(s) in the planning area?	Section II	Met
B1-b. Does the plan include information on the location of each identified hazard?	Section II.B, Section VI	Met
B1-c. Does the plan describe the extent for each identified hazard?	Section II	Met
B1-d. Does the plan include the history of previous hazard events for each identified hazard?	Section III.D., pp. 2-10 to 2-30	Met

Element B Requirements	Location in Plan (section and/or page number)	Met / Not Met
B1-e. Does the plan include the probability of future events for each identified hazard, including the type, location and range of anticipated intensities?	Section II, Section VI	Met
B1-f. For participating jurisdictions in a multi-jurisdictional plan, does the plan describe any hazards that are unique to and/or vary from those affecting the overall planning area?	pp. 2-5 through 2-8, p. 2-14	Met
B2. Does the plan include a summary of the jurisdiction's vulnerability and the impacts on the community from the identified hazards? Does this summary also address NFIP-insured structures that have been repetitively damaged by floods? (Requirement 44 CFR § 201.6(c)(2)(ii))		
B2-a. Does the plan provide an overall summary of each jurisdiction's vulnerability to the identified hazards?	Section IV	Met
B2-b. For each participating jurisdiction, does the plan describe the potential impacts of each of the identified hazards on each participating jurisdiction?	Part II under each hazard is a probability chart specifying geographic extent, severity, future probability, and regional significance. Also see under risk assessment in jurisdiction profiles. Where applicable, this may also be included under the capabilities assessment.	Met
B2-c. Does the plan address NFIP-insured structures within each jurisdiction that have been repetitively damaged by floods?	Repetitive loss info as received from the state office has been added to the 4 applicable jurisdiction profiles under "Risk Assessment". No information on commercial vs residential was provided.	Met
ELEMENT B REQUIRED REVISIONS		
Required Revision: None		

ELEMENT B REQUIRED REVISIONS

Opportunities for Improvement:

B1-e. If historical data for a hazard does not exist, the plan can develop its own way to define probability using data from surrounding areas or projected changes in future conditions. From the plan, Expansive Soils hazard profile: "Probability and frequency analyses have not been prepared because of the nature of occurrence of this hazard. This is consistent with other geologic hazards that occur slowly over time." In the next update of the plan, consider expanding the area from where data is collected to include state or regional statistics.

B1-f. While the hazard profiles include jurisdiction specific unique and varied risk information, the scale is evaluated at a county and state level. Consider including schools and special districts in these sections, when applicable; each participant should be considered in a multijurisdictional plan. Continue building on the risk assessment when hazard risks differs across the planning area and between participating jurisdictions, the plan should highlight the unique and varied risk information, each participant should be considered in a multijurisdictional plan.

The revised plan now notes that "information, as much as available regarding specific impacts or potential of impacts, has been discussed within respective community profiles," and the community profiles identify vulnerable populations and key infrastructure (e.g., community buildings, schools, businesses) and provide loss estimates.

B2-a. To further strengthen the risk assessment and provide clearer context for mitigation, the plan could be enhanced by:

Expanding on why assets are vulnerable to each hazard. For example, briefly describing the characteristics or conditions (e.g., location in a floodplain, age or construction type of buildings, dependence on a single access route, concentration of vulnerable populations in certain areas) that make those assets more susceptible to damage from dam/levee failure, earthquake, flooding, grass/wildfire, landslide, severe winter storm, sinkholes, and tornado/windstorm.

Summarizing the likely consequences or effects of each hazard on those assets. This could take the form of short problem statements within each community profile that describe how disruptions, damage, or loss of function to identified assets (such as schools, critical facilities, major employers, and vulnerable neighborhoods) would affect people, services, and the local economy.

These narrative linkages between the identified hazards, vulnerable assets, and their consequences would build on the existing asset lists and loss values and offer a clearer picture of how each community may experience hazard impacts differently based on its location and development patterns.

B2-b. The plan follows a best practice by identifying community specific impacts on the participants assets. In the next update of the plan continue expanding on potential impacts on each participating jurisdiction and its identified assets in relation to specific hazards. The narrative contained limited detail regarding the impacts of Dam/Levee Failure, Earthquake, Grass/Wildland Fire, Landslide, and Sinkholes. **Impacts** are the consequences or effects of each hazard on the participant's assets identified in the vulnerability assessment. For example, impacts could be described by referencing historical disaster damages with an estimate of potential future losses (such as percentage of damage vs. total exposure). Gaps and limitations may be addressed as actions in the mitigation strategy.

B2-c. The plan identifies the number of repetitive loss (RL) and severe repetitive loss (SRL) properties for the City of Cherokee (PDF p. 193), Monona County (PDF p. 313), the City of Akron (PDF p. 420), and the City of Correctionville (PDF p. 529). This helps address the requirement to account for repetitively flooded NFIP-insured structures.

ELEMENT B REQUIRED REVISIONS

Based on NFIP data available at the time of this review, all identified RL/SRL properties in the participating jurisdictions are residential. While the current omission of property “types” (e.g., residential, commercial, institutional) does not significantly affect the overall understanding of flood risk or the mitigation strategy, the plan could be strengthened in future updates by:

Explicitly stating that all current RL/SRL properties in the participating jurisdictions are residential; and

Noting that, should non-residential RL/SRL properties be identified in the future, the plan will distinguish and summarize those types accordingly.

Adding this clarification in a future update would fully align the RL/SRL discussion with the LMPPG expectation to identify both the estimated number and type of repetitively flooded NFIP-insured structures

Strengths:

B1-a. The plan includes all hazards referenced in the Iowa Hazard Mitigation Plan (2023).

B1-d. The plan includes state and federal major disaster declarations for the planning area since the last update.

Element C: Mitigation Strategy

Element C Requirements	Location in Plan (section and/or page number)	Met / Not Met
C1. Does the plan document each participant’s existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement 44 CFR § 201.6(c)(3))		
C1-a. Does the plan describe how the existing capabilities of each participant are available to support the mitigation strategy? Does this include a discussion of the existing building codes and land use and development ordinances or regulations?	Click or tap here to enter text.	Met
C1-b. Does the plan describe each participant’s ability to expand and improve the identified capabilities to achieve mitigation?	Discussed under the Capabilities heading found in each Jurisdiction’s sub-section found in Section IV.	Met

Element C Requirements	Location in Plan (section and/or page number)	Met / Not Met
C2. Does the plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement 44 CFR § 201.6(c)(3)(ii))		
C2-a. Does the plan contain a narrative description or a table/list of their participation activities?	In Section IV, for each jurisdiction, in the Capabilities sub-section is found a table of local tools contributing to the jurisdiction's resiliency. NFIP status is noted in the table for each jurisdiction. For example, see 4.1 – 39 for City of Cherokee.	Met
C3. Does the plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement 44 CFR § 201.6(c)(3)(i))		
C3-a. Does the plan include goals to reduce the risk from the hazards identified in the plan?	3-14	Met
C4. Does the plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement 44 CFR § 201.6(c)(3)(ii))		
C4-a. Does the plan include an analysis of a comprehensive range of actions/projects that each jurisdiction considered to reduce the impacts of hazards identified in the risk assessment?	pp. 3-7 through 3-11; also see Identified Actions, Strategies, & Projects starting on p. 3-53	Met

Element C Requirements	Location in Plan (section and/or page number)	Met / Not Met
C4-b. Does the plan include one or more action(s) per jurisdiction for each of the hazards as identified within the plan's risk assessment?	A descriptive table (pg 3 -7 through 11) This table is applicable to the format of the Updates section as well as the new and carried over projects provided in Part II, Section F <i>Identified Actions</i> . (3 - 52 through 88)	Met
C5. Does the plan contain an action plan that describes how the actions identified will be prioritized (including a cost-benefit review), implemented, and administered by each jurisdiction? (Requirement 44 CFR § 201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))		
C5-a. Does the plan describe the criteria used for prioritizing actions?	3-17 to 3-18	Met
C5-b. Does the plan provide the position, office, department or agency responsible for implementing/administrating the identified mitigation actions, as well as potential funding sources and expected time frame?	See the sub-section "Mitigation Needs, Actions, & Strategies" found in each Jurisdiction section in Section IV	Met
ELEMENT C REQUIRED REVISIONS		
Required Revision: None Opportunities for Improvement: C1-a. The revised plan now includes jurisdiction-specific narrative statements describing adoption of building codes, floodplain ordinances, and NFIP participation (e.g., "Cherokee adopted the 2012 IBC by reference with exceptions... participates in the NFIP..."). This goes beyond simple tabular listings and better aligns with LMPPG C1-a. To further strengthen this section and provide clearer context on how existing capabilities support the mitigation strategy, the plan could: ▪ Clarify how these codes and ordinances are used to reduce risk and implement mitigation actions. For example, note whether the building code or floodplain ordinance: ○ Limits or conditions new development in hazard-prone areas,		

ELEMENT C REQUIRED REVISIONS

- Requires specific elevation, wind, or seismic standards, or
- Supports particular mitigation actions identified in the strategy (e.g., acquisition/elevation of RL/SRL properties, critical facility protection).
- Briefly describe other land use and development tools that support mitigation, where applicable. This could include zoning, subdivision regulations, or comprehensive planning provisions that guide growth away from high-risk areas or encourage resilient design.
- Highlight key strengths or limitations of these capabilities. For instance, indicate if enforcement capacity, staffing, or funding affects how effectively codes and ordinances can support the mitigation strategy.

These additions would build on the current narratives and more clearly describe how each participant's existing authorities, policies, and programs can be leveraged to implement and sustain the mitigation strategy.

C1-b. The plan references the Community Capabilities and Risk Assessment sections of each profile as describing “what is in place, what is needed, what is a concern but not feasible to address, etc.” These sections, together with the discussion of mitigation action status, effectively document existing capabilities, capability needs, and the rationale for whether previous actions were completed, carried forward, or are no longer feasible. This information is particularly helpful for addressing the requirements related to evaluation of previous actions (e.g., E2-b).

To more fully address C1-b, the plan could be strengthened by adding a concise, jurisdiction-specific discussion that clearly describes each participant's **ability or lack of ability/authority to expand and improve their capabilities**, including those related to:

- Building codes,
- Land use and development ordinances and regulations, and
- Floodplain management ordinances, where applicable.

For example, each participant could briefly note:

- Where they have the authority and capacity to adopt or strengthen codes/ordinances or expand programs,
- Key constraints (e.g., funding, staffing, statutory limits) that affect their ability to improve capabilities, and
- Any area where they do not have the authority to expand capabilities and must rely on another entity.

Providing this explicit discussion, distinct from the status of previous actions, would clearly demonstrate compliance with the C1-b requirement and help clarify how each participant can realistically enhance their capabilities over the life of the plan.

ELEMENT C REQUIRED REVISIONS

C4-a. Overall the plan includes a variety of mitigation action types. These include local plans and regulations, structure and infrastructure projects, and education and awareness programs. Some communities only had one mitigation action and did not address all hazards identified in the risk assessment. In the next update of the plan, consider expanding on the mitigation strategy to build a more comprehensive range of risk reduction techniques. Ensure that the actions demonstrate a long-term solution for risk reduction and provide a clear understanding of how the activity relates to a specific hazard or this risk assessment.

C4-b. The plan includes generator projects, Alert Iowa/public notification actions, and warning siren projects that are being treated as all-hazards mitigation actions. With these actions, jurisdictions generally have at least one mitigation action per hazard, which satisfies the core C4-b requirement for this plan cycle.

To strengthen policy alignment and clarity in future updates, the plan could be improved in the following ways:

- **Clarify How Generator Projects Reduce Documented Risks.** Generators at critical facilities are being accepted as all-hazards mitigation actions. To more clearly demonstrate risk reduction in line with C4-b, future updates could:
 - Explicitly identify power disruption as a consequence of relevant hazards (e.g., grass/wildland fires) in the risk and vulnerability profile(s); and
 - Briefly describe how loss of power affects critical facilities (schools, emergency services, essential community facilities), and how backup power maintains life-safety and continuity of operations.

This would make the connection between generator projects and the “risks identified in the risk assessment” more explicit and policy-defensible.

- **Strengthen the Alert Iowa / Public Notification Actions.**

Actions such as:

“New. Interest in promotion of established practice of Alert Iowa system in conjunction with school’s internal alert system; School communications teams, County EMA (No dedicated funding necessary) HIGH PRIORITY.”

are being accepted as all-hazards mitigation actions for this plan. However, as written they are borderline policy-compliant because they read more like ongoing emergency response/preparedness than concrete, long-term mitigation. Historically, similar awareness/notification language has been viewed as:

“The action as written appears to focus on emergency response/preparedness functions rather than mitigation. Mass notifications depend on future activation to be effective. While these actions may support overall resilience, they do not demonstrate a long-term solution for risk reduction.”

In future plan updates, consider:

- Identifying the specific hazards the Alert Iowa action is intended to address (e.g., severe winter storm, thunderstorm, tornado/windstorm); and
- Clarifying the long-term mitigation component, such as permanent system improvements, integration with internal alert systems, redundant communications paths, and how these changes reduce injuries/fatalities through timely protective actions.

ELEMENT C REQUIRED REVISIONS

This would help distinguish these actions from purely response-oriented activities.

- **Clarify Emergency Response/Preparedness-Type Actions (Communications Equipment, Sandbags, Barricades).** In several jurisdictions, actions such as “purchase communications equipment” or reliance on sandbags and barricades for flooding appear in the action tables. Where jurisdictions also have generators, Alert Iowa, warning sirens, or other clearly mitigation-focused projects, the presence of these response-type actions does not affect basic compliance with C4-b.

For future updates, you may wish to:

- Re-frame or relocate purely response/preparedness items (e.g., portable communications equipment, sandbag/barricade use) to sections on emergency operations capabilities; or
- Revise such actions to incorporate a longer-term mitigation component (e.g., permanent communications infrastructure, engineered flood barriers or drainage improvements) so they more clearly represent sustained risk reduction.

Fixed warning sirens and similar permanent public-warning infrastructure are appropriately treated as mitigation actions and do not need changes.

These refinements are not required for this approval, but they would improve the clarity of the mitigation strategy and its alignment with LMPPG expectations in the next planning cycle.

C5-b. Communities identify multiple potential funding sources for mitigation actions. In the next update of the plan, explore alternative funding source details that go beyond generic terms such as “federal,” “state,” “local”, and/or “grants”. The identified funding sources must be relevant to implementing the associated actions.’

Strengths:

C3-a. The goals were identified early in the plan, this can help the community identify early in the plan what broad, long-term policy and vision statements that are to be achieved in the mitigation strategy. The goals focus on increasing community resilience and addressing multiple issues at once.

C5-a. Mitigation actions are prioritized based on a specific set of considerations, outlined in Section III, part F of the hazard mitigation plan.

Element D: Plan Maintenance

Element D Requirements	Location in Plan (section and/or page number)	Met / Not Met
D1. Is there discussion of how each community will continue public participation in the plan maintenance process? (Requirement 44 CFR § 201.6(c)(4)(iii))		
D1-a. Does the plan describe how communities will continue to seek future public participation after the plan has been approved?	pg 1-11 under Public Input.	Met
D2. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a five-year cycle)? (Requirement 44 CFR § 201.6(c)(4)(i))		
D2-a. Does the plan describe the process that will be followed to track the progress/status of the mitigation actions identified within the Mitigation Strategy, along with when this process will occur and who will be responsible for the process?	Section 1.G	Met
D2-b. Does the plan describe the process that will be followed to evaluate the plan for effectiveness? This process must identify the criteria that will be used to evaluate the information in the plan, along with when this process will occur and who will be responsible.	Pg 1 – 11 (Part I. Section H)	Met
D2-c. Does the plan describe the process that will be followed to update the plan, along with when this process will occur and who will be responsible for the process?	Section 1.G	Met
D3. Does the plan describe a process by which each community will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement 44 CFR § 201.6(c)(4)(ii))		
D3-a. Does the plan describe the process the community will follow to integrate the ideas, information and strategy of the mitigation plan into other planning mechanisms?	In the discussion under each of the Capabilities, Actions Taken, and Mitigation Needs sections, details of collaborative efforts are outlined.	Met
D3-b. Does the plan identify the planning mechanisms for each plan participant into which the ideas, information and strategy from the mitigation plan may be integrated?	Under each of the Capabilities, Actions Taken, and Mitigation Needs sections.	Met

Element D Requirements	Location in Plan (section and/or page number)	Met / Not Met
D3-c. For multi-jurisdictional plans, does the plan describe each participant's individual process for integrating information from the mitigation strategy into their identified planning mechanisms?	The jurisdiction profiles include note of decision-making bodies for each jurisdiction, and where applicable, a specific department/agency that may be responsible for enforcement or oversight	Met

ELEMENT D REQUIRED REVISIONS

Required Revision: **None**

Opportunities for Improvement:

D1-a. The plan lists a variety of ways to keep the public involved in mitigation after plan adoption. Continue expanding on public participation after the plan's adoption as it can increase community involvement in mitigation efforts. Special consideration is noted for using unique and meaningful ways to keep the public engaged in the process by advertising annual reviews and other relevant information, such as success stories, by publicizing them in local newspapers and on community websites.

Strengths:

D2. The plan includes steps and a schedule for keeping the plan current for each phase of plan maintenance (monitoring, evaluating, and updating). Chapter 1 lists the criteria that will be used to evaluate the effectiveness of the plan. The steps to monitor and update the plan are described clearly with approximate timelines for each step. Establishing a maintenance schedule and method to monitor plan progress can help make the next plan update easier.

D3-b. Participant profiles include a list of local planning mechanisms within their capability tables. Hazard mitigation information and strategies may be integrated into these identified mechanisms.

Element E: Plan Update

Element E Requirements	Location in Plan (section and/or page number)	Met / Not Met
E1. Was the plan revised to reflect changes in development? (Requirement 44 CFR § 201.6(d)(3))		
E1-a. Does the plan describe the changes in development that have occurred in hazard-prone areas that have increased or decreased each community's vulnerability since the previous plan was approved?	under III. Region, Section C Updates... (pg 3 – 7)	Met
E2. Was the plan revised to reflect changes in priorities and progress in local mitigation efforts? (Requirement 44 CFR § 201.6(d)(3))		
E2-a. Does the plan describe how it was revised due to changes in community priorities?	Plan goals Community profiles & Mitigation action reviews	Met
E2-b. Does the plan include a status update for all mitigation actions identified in the previous mitigation plan?	Click or tap here to enter text.	Met
E2-c. Does the plan describe how jurisdictions integrated the previous mitigation plan, when appropriate, into other planning mechanisms?	See the sub-sections "Capabilities" and/or "Risk Assessment" found in each Jurisdiction section in Section IV	Met

ELEMENT E REQUIRED REVISIONS

Required Revision: **None**

Opportunities for Improvement:

E1-a. The plan follows a best practice by highlighting changes in development that have occurred within the planning area for each participating community. In the next update of the plan, continue to expand on specific changes in development, including changes in local policies, standards, codes, regulations, and land use regulations. Highlight how such changes in the planning area have increased or decreased vulnerability to hazards within a community.

E2-a. Specific participant priorities are updated within the plan through community surveys and mitigation strategy progress summaries. Communities include specific hazard data relevant since the previous plan update. Continue assessing how priorities and progress is measured and revised in future plan updates to increase implementation of local mitigation efforts. From the LMPPG, 'The plan update is an opportunity for the jurisdiction to assess its previous goals and action plan, evaluate progress in implementing hazard mitigation actions, and adjust its actions to address the current realities.'

Strengths:

E2-b. The plan follows a best practice by documenting mitigation action progress. The status of previous actions is clearly listed in the mitigation strategy of each participating jurisdiction. The strategy also includes a status explanation for many ongoing actions to show what progress was made since the last plan update.

Element F: Plan Adoption

Element F Requirements	Location in Plan (section and/or page number)	Met / Not Met
F1. For single-jurisdictional plans, has the governing body of the jurisdiction formally adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5))		
F1-a. Does the participant include documentation of adoption?	N/A	N/A
F2. For multi-jurisdictional plans, has the governing body of each jurisdiction officially adopted the plan to be eligible for certain FEMA assistance? (Requirement 44 CFR § 201.6(c)(5))		
F2-a. Did each participant adopt the plan and provide documentation of that adoption?	Click or tap here to enter text.	Not Met

ELEMENT F REQUIRED REVISIONS

Required Revision:

F2-a. An adoption resolution was not provided for each jurisdiction. A resolution must be provided within one year of the HMP's approval for participating jurisdictions to be approved. Participating jurisdictions that adopt the plan more than one year after APA status has been issued must either:

- Validate that their information in the plan remains current with respect to both the risk assessment (no recent hazard events, no changes in development) and their mitigation strategy (no changes necessary); or
- Make the necessary updates before submitting the adoption resolution to FEMA.

Click or tap here to enter text.

Element G: High Hazard Potential Dams (Optional)

HHPD Requirements	Location in Plan (section and/or page number)	Met / Not Met
HHPD1. Did the plan describe the incorporation of existing plans, studies, reports and technical information for HHPDs?		
HHPD1-a. Does the plan describe how the local government worked with local dam owners and/or the state dam safety agency?	Click or tap here to enter text.	Not Met
HHPD1-b. Does the plan incorporate information shared by the state and/or local dam owners?	Click or tap here to enter text.	Not Met
HHPD2. Did the plan address HHPDs in the risk assessment?		
HHPD2-a. Does the plan describe the risks and vulnerabilities to and from HHPDs?	Click or tap here to enter text.	Not Met
HHPD2-b. Does the plan document the limitations and describe how to address deficiencies?	Click or tap here to enter text.	Not Met
HHPD3. Did the plan include mitigation goals to reduce long-term vulnerabilities from HHPDs?		
HHPD3-a. Does the plan address how to reduce vulnerabilities to and from HHPDs as part of its own goals or with other long-term strategies?	Click or tap here to enter text.	Met
HHPD3-b. Does the plan link proposed actions to reducing long-term vulnerabilities that are consistent with its goals?	Click or tap here to enter text.	Met

HHPD Requirements	Location in Plan (section and/or page number)	Met / Not Met
HHPD4-a. Did the plan include actions that address HHPDs and prioritize mitigation actions to reduce vulnerabilities from HHPDs?		
HHPD4-a. Does the plan describe specific actions to address HHPDs?	Click or tap here to enter text.	Met
HHPD4-b. Does the plan describe the criteria used to prioritize actions related to HHPDs?	Click or tap here to enter text.	Not Met
HHPD4-c. Does the plan identify the position, office, department or agency responsible for implementing and administering the action to mitigate hazards to or from HHPDs?	Click or tap here to enter text.	Not Met

HHPD Required Revisions

Based on FEMA review of the National Inventory of Dams, the planning area has eligible High Hazard Potential Dams (HHPD) and the HHPD optional planning elements have been evaluated. Per the Rehabilitation of HHPD grant guidance, all HHPD optional planning elements must be addressed and approved by FEMA for a sub-applicant to be eligible for the program. If dam eligibility changes within the HMP planning area and a plan participant(s) is interested in the HHPD grant program, a request to review these elements will be supported.

Eligible HHPDs during the time of review:

Plymouth County

- Held Watershed Site E-3
- Held Watershed Site E-4

Woodbury County

- Smokey Hollow Subwatershed Site 4

Required Revision:

HHPD1-a. The plan includes data and information about dams in the planning area but does not describe how the local governments worked with local dam owners and/or the state dam safety agency to obtain information about the dams. The plan must describe how these groups were engaged during the assessment of dam risks.

Opportunities for Improvement:

HHPD3-a. Consider addressing a reduction in vulnerabilities to and from HHPDs as part of its own goals. Note that the plan does not need to include a goal specific to HHPDs alone to meet the minimum for this requirement.

HHPD3-b. Consider expanding on the actions linked to dam failure in the next update of the plan. Examine potential mitigation strategies for communities and populations upstream and downstream of HPPDs that are at risk of dam failure or the cascading impacts of dam failure.

HHPD4-a. The plan lists some direct mitigation actions tied to reducing vulnerabilities and impacts to flooding. In the next update of the plan expand on actions for communities with HHPDs. During plan updates consider including HHPDs in the action descriptions, where appropriate. Consider a range of specific mitigation actions, such as: Rehabilitating/removing dams, adopting and enforcing land use ordinances in inundation zones, elevating structures in inundation zones, and adding flood protection, such as berms, floodwalls or flood proofing, in inundation zones.

HHPD Required Revisions

HHPD1-b. Add information shared by the state and/or local dam owners. Examples may include location and size of the population at risk, as well as potential impacts to institutions and critical infrastructure/facilities/lifelines. Inundation maps, emergency action plans, floodplain management plans and/or data or summaries provided by dam breach modeling software, such as HEC-RAS, DSS-WISE HCOM, DSS-WISE Lite, FLO-2D, as well as more detailed studies.

HHPD2-a. Expand on narratives describing risk and vulnerabilities to and from HHPDs. Including the following information in the updated narratives:

- Potential cascading impacts of storms, seismic events, landslides, wildfires, etc. on dams that might affect upstream and downstream flooding potential.
- Potential significant economic, environmental or social impacts, as well as multi-jurisdictional impacts, from a dam incident.
- Location and size of populations at risk from HHPDs, as well as potential impacts to institutions and critical infrastructure/facilities/lifelines.
- Methodology and/or assumptions for risk data and inundation modeling.

HHPD2-b. Document the limitations and detail the approach for addressing deficiencies. Narratives on pg. 22 do not identify gaps in analyzing HHPD risks and jurisdictional vulnerabilities. Dam classification does not reduce vulnerabilities and impacts. Narratives within the dam failure hazard profile do not address risk assessment data gaps (e.g., incomplete hazard classifications, outdated dam conditions, unknown inundation zones), assessment challenges (e.g., modeling difficulties, or funding limitations), or any specific strategy to improve data quality.

HHPD4-b. Section 3, part F of the plan outlines considerations utilized for prioritizing mitigation actions. Include the specific criteria used for prioritizing actions related to HHPDS.

HHPD4-c. Identify the position, office, department or agency responsible for implementing and administering the action related to mitigating hazards to or from HHPDs.

Element H: Additional State Requirements (Optional)

Element H Requirements	Location in Plan (section and/or page number)	Met / Not Met
This space is for the State to include additional requirements.		
Mitigation plans may include additional content to meet Element H: Additional State Requirements or content the local government included beyond applicable FEMA mitigation planning requirements. FEMA approval does not include the review or approval of content that exceeds these applicable FEMA mitigation planning requirements.		

Appendix D: Additional Resources

Following is a listing of resources used to compile data included in this Plan. Additional resources as included may be used to support/guide community mitigation actions and strategies.

<i>Documents/Online Data</i>	<i>Source</i>
City- and County- Specific Websites	Noted within context of plan
AccuWeather	www.accuweather.com
ArcGIS (<i>Landslide Susceptibility</i>)	https://learn.arcgis.com/en/projects/identify-infrastructure-at-risk-of-landslides/arcgis-online/ (user account required)
Centers for Disease Control & Prevention	https://www.cdc.gov/outbreaks/index.html
Earthworks	https://earthworks.org/resources/
Federal Emergency Management Agency (FEMA)	https://www.fema.gov/
Disaster Mitigation Act of 2000 (DMA)	https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning
Flood Insurance Study	
Hazard Mitigation Assistance Unified Guidance	
Interim Final Rule (IFR)	
Local Multi-Hazard Mitigation Planning Guidance (Blue Book)	
FEMA Map Service Center	http://www.msc.fema.gov
National Flood Insurance Program (NFIP)	http://www.fema.gov
National Flood Insurance Program Bureau and Statistical Agent BureauNet	
National Flood Insurance Program Community Status Book	
What is a Benefit: Guidance on Benefit-Cost Analysis	
Google	
High Plains Regional Climate Center	http://www.hprcc.unl.edu
Inside Climate News	https://insideclimatenews.org/
Iowa Department of Agriculture	https://iowaagriculture.gov/
Iowa Department of Natural Resources	www.iowadnr.gov
Dam Safety Program	https://www.iowadnr.gov/Environmental-Protection/Land-Quality/Dam-Safety
Iowa Online Dam Inventory	https://iowadnr.knack.com
Iowa Forest Service	http://www.iowadnr.gov/Environment/Forestry.aspx
Iowa Department of Revenue	http://www.iowa.gov/tax/index.html
Iowa Department of Transportation (Crash Statistics)	https://icat.iowadot.gov/

Iowa Flood Center	http://ifis.iowafloodcenter.org/ifis/newmaps/hazard/
Iowa Geological Survey	https://www.iihr.uiowa.edu/igs/alluvial-plains/
Iowa Homeland Security and Emergency Management	http://www.iowahomelandsecurity.org
Iowa State Hazard Mitigation Plan	https://homelandsecurity.iowa.gov/disasters/hazard-mitigation
Merriam-Webster	https://www.merriam-webster.com/
National Drought Mitigation Center	http://drought.unl.edu
Drought Impact Reporter	http://www.droughtreporter.unl.edu
Drought Monitor	http://drought.unl.edu/dm/monitor.html
National Earthquake Hazards Reduction Program (NEHRP)	https://www.nehrp.gov/
National Historic Registry	http://www.nps.gov/nr
National Oceanic Atmospheric Administration (NOAA)	http://www.noaa.gov/
National Centers for Environmental Information	http://www.ncdc.noaa.gov
National Environmental Satellite, Data, and Information Service (NESDIS)	http://www.nesdis.noaa.gov/
Storm Prediction Center Statistics	http://www.spc.noaa.gov
Natural Resources Conservation Service (NRCS)	www.ia.nrcs.usda.gov
Ready Iowa (Nuclear Power Plants)	https://ready.iowa.gov/disasters-emergencies/nuclear-power-plants
Siouxland District Health Department	www.siouxlanddistricthealth.org
SIMPCO - SRTPA Transportation Improvement Programs	www.simpco.org
State Summaries	https://statesummaries.ncics.org/chapter/ia/
United States Census Bureau	http://www.census.gov
American Community Survey Data	https://www.census.gov/programs-surveys/acs
Quick Facts	https://www.census.gov/quickfacts/fact/table/US/PST045219
United States Department of Agriculture (USDA)	http://www.usda.gov
The Census of Agriculture	http://www.agcensus.usda.gov/
National Agricultural Statistics Service (NASS)	http://www.nass.usda.gov/
United States Department of Agriculture – Risk Assessment Agency (RMA)	http://www.rma.usda.gov
United States Department of Commerce	http://www.commerce.gov/
United States Geological Survey (USGS)	http://www.usgs.gov/
United States Small Business Administration	http://www.sba.gov
USA Today	https://www.usatoday.com/
USA.com - Local Data Search	http://www.usa.com/
USFS - WildFire Assessment System	http://www.wfas.net/

<i>State and Federal Resources</i>		
Stream Maintenance Program		Iowa Department of Natural Resources
Engineering Studies for Streams		
Floodplain Development Management		
State Planning Agencies		ICOG
		Iowa League of Cities
<i>Regional Resources (including Membership-Based Services; Documents)</i>		
Economic Development Plan	SIMPCO Comprehensive Economic Development Strategy (CEDS)	
Transportation Plan	2045 Siouxland Regional Transportation Planning Association Long Range Transportation Plan	
Regional Planning Agencies/Committees/Groups		SIMPCO
		Region IV Hazardous Materials Response Commission
		Region IV LEPC
2020 Regional Hazard Mitigation Plan		
2018 Hazardous Materials Commodity Flow Study & 2021 Extended Corridor Study		
<i>Uniform County Resources</i>		
Emergency Management Agency & Programming		Emergency Management Coordinator
		County Recovery Plan
		County Conservation Board
		County Emergency Plan
<i>Funding Resources</i>		
CDBG		County Specific Funding Opportunities
HMEP		Cherokee County Legacy Foundation
SRF		Ida County Community Betterment Foundation
TAP		Monona County Community Partners Foundation
USDA		The Community Foundation of Greater Plymouth County
Firefighters Support Foundation		Missouri River Historical Development Grants (Wdby Co)
Gilchrist		Iowa West Foundation (Monona)
Flight 232 Fund		<u>United Airlines Trust Fund – Grant Application</u>
Grants.gov		<u>https://www.grants.gov/search-grants</u>
<i>County-Specific Resources</i>		
Economic Development Plan/Strategy	Cherokee Area Economic Development Corporation	
	Monona County Economic Development Partnership for Growth	

Appendix E. Plan Maintenance

For the benefit of participating jurisdictions, guidance on maintaining a current Plan is provided and will be included in communications to jurisdictions when brought to respective Council/Board for adoption. Communities are encouraged to document mitigation efforts as implemented, and to record assessments indicating additional need for mitigation action. The following documents are intended to serve as templates to guide plan adoption and maintenance.

RESOLUTION TO ADOPT

- County
- City
- Community School District

County

County of _____
County Board of Supervisors
Street Address

RESOLUTION

WHEREAS, the 2026 Regional Hazard Mitigation Plan (for Plymouth, Cherokee, Ida, Monona, and Woodbury Counties in Iowa) has been prepared in accordance with FEMA requirements at 44C.F.R.201.6; and,

WHEREAS, the County of _____ County, participated in the preparation of a regional plan, the 2026 Regional Hazard Mitigation Plan; and,

WHEREAS, _____ County is a governing unit that has afforded its residents an opportunity to comment on and provide input in the Plan and the actions in the Plan; and

WHEREAS, _____ County has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED by the County of _____ County that _____ County Board of Supervisors adopts the 2020 Regional Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this ____, day of _____, 2026, at the meeting of the _____ County Board of Supervisors.

_____, Board Chair

City

City of _____
City Council
Street Address

RESOLUTION

WHEREAS, the 2026 Regional Hazard Mitigation Plan for Plymouth, Cherokee, Ida, Monona, and Woodbury Counties in Iowa has been prepared in accordance with FEMA requirements at 44C.F.R.201.6; and,

WHEREAS, the City of _____, participated in the preparation of a regional plan, 2026 Regional Hazard Mitigation Plan; and,

WHEREAS, the City of _____ is a local unit of government that has afforded its residents an opportunity to comment on and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of _____ has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED by the _____ City Council that the City of _____ adopts the 2026 Regional Local Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this ____, day of _____, 2026, at the meeting of the _____ City Council.

_____, Mayor

City with Amendment

City of _____
City Council
Street Address

RESOLUTION

WHEREAS, the 2026 Regional Hazard Mitigation Plan for Plymouth, Cherokee, Ida, Monona, and Woodbury Counties in Iowa has been prepared in accordance with FEMA requirements at 44C.F.R.201.6; and,

WHEREAS, the City of _____, participated in the preparation of a regional plan, 2026 Regional Hazard Mitigation Plan; and,

WHEREAS, the City of _____ is a local unit of government that has afforded its residents an opportunity to comment on and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of _____ has amended the Plan to include an addition planned Action, Strategy, or Project; and

WHEREAS, the City of _____ has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED by the _____ City Council that the City of _____ adopts the 2026 Regional Local Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this ____, day of _____, 2026, at the meeting of the _____ City Council.

_____, Mayor

Community School District

Community School District

School Board

Street address

RESOLUTION

WHEREAS, the 2026 Regional Hazard Mitigation Plan for Plymouth, Cherokee, Ida, Monona, and Woodbury Counties in Iowa has been prepared in accordance with FEMA requirements at 44C.F.R.201.6; and,

WHEREAS, the _____ Community School District, as represented by Superintendent _____, participated in the preparation of a regional plan, the 2026 Regional Hazard Mitigation Plan; and,

WHEREAS, the _____ Community School District Board is the governing body of the school district that has afforded affected citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the _____ Community School District has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED by the _____ School Board that the _____ Community School District adopts the 2026 Regional Hazard Mitigation Plan, and resolves to execute the actions in the Plan.

ADOPTED this __, day of _____, 2026, at the meeting of the _____ Community School Board.

_____, Board President

RESOLUTION TO AMEND

NOW THEREFORE, BE IT RESOLVED by the _____ City Council that the City of _____ amends the 2026 Regional Local Hazard Mitigation Plan, and resolves to execute the actions as added to the Plan.

AMENDED this _____ day of _____, 2026, at the meeting of the _____ City Council.

_____, Mayor

City of _____
City Council
Street Address _____

AMENDMENT

WHEREAS, the City of _____ participated in preparing the 2026 Regional Hazard Mitigation Plan (for Cherokee, Ida, Monona, Plymouth, and Woodbury Counties, including their unincorporated and incorporated areas, in Iowa) which has been prepared in accordance with FEMA requirements at 44C.F.R.201.6; and,

WHEREAS, the City of _____, at the time of planning had not determined or wishes to add a specific Action, Strategy, or Project for planned implementation; and,

WHEREAS, the City of _____ has upon this day identified the following Action, Strategy, or Project; and,

WHEREAS, the City of _____ has determined such Action, Strategy, or Project to be compliant with the terms defining formal Regional Hazard Mitigation Plan Participation; and,

WHEREAS, the City of _____ is a local unit of government that has afforded its residents an opportunity to comment on and provide input in the Plan and the actions in the Plan; and

The City of _____ HEREBY Amends the Plan, under its jurisdiction profile and the list of Region Projects by inclusion of the following Action, Strategy, or Project, and

ACTION/STRATEGY/PROJECT Detail

Work to be done:

Responsible Party/Parties for work completion:

Responsible Party/Parties for follow up:

Timeline:

Funding sources:

