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## **VII. APPENDICES**

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

## 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

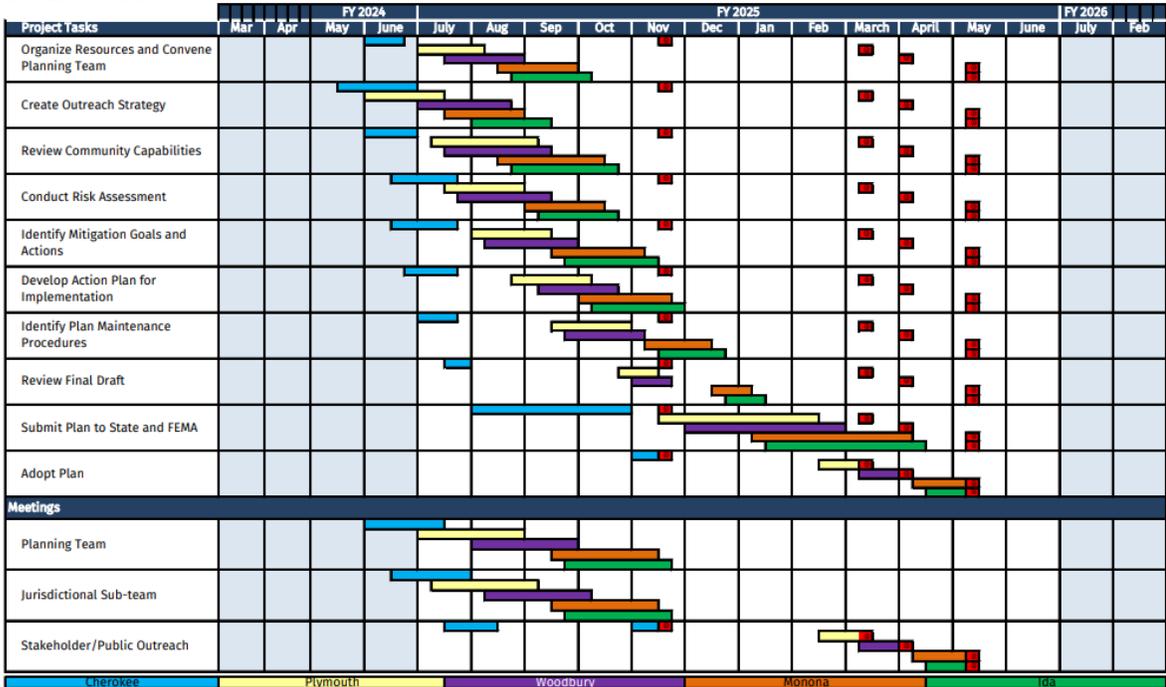
## Appendix B: Planning Process Documentation

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

simpco

**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
<b>Local Agencies</b>			
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			
<b>Special Districts and Authorities</b>			
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
<b>Non-Governmental Organizations</b>			
American Red Cross			
Chamber of Commerce			
Community/Faith-Based Organizations			
Environmental Organizations			
Homeowners Associations			
Neighborhood/Community Organizations			
Utility Companies			
<b>State Agencies</b>			
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			
<b>Federal Agencies</b>			
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			
<b>Other</b>			
Tribal Officials			
Colleges/Universities			
Land Developers and Real Estate Agencies			
Major Employers and Businesses			
Professional Associations			
Neighboring Jurisdictions			

**Capability Assessment Worksheet**

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?		



### 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		
<b>How can these capabilities be expanded and improved to reduce risk?</b>		

### 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		
<b>How can these capabilities be expanded and improved to reduce risk?</b>		

**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		
<b>How can these capabilities be expanded and improved to reduce risk?</b>		



**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.

<b>Comprehensive Plan</b>		
<b>Land Use</b>	<b>Yes</b>	<b>No</b>
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?		
<b>Transportation</b>	<b>Yes</b>	<b>No</b>
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)?		
<b>Environmental Management</b>	<b>Yes</b>	<b>No</b>
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?		
<b>Public Safety</b>	<b>Yes</b>	<b>No</b>
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?		

<b>Zoning Ordinance</b>		<b>Yes</b>	<b>No</b>
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?		
<b>Subdivision Regulations</b>		<b>Yes</b>	<b>No</b>
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?		
<b>Capital Improvement Program and Infrastructure Policies</b>		<b>Yes</b>	<b>No</b>
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?		
<b>Other</b>		<b>Yes</b>	<b>No</b>
1.	Do small area or corridor plans recognize the need to avoid or mitigate 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
<b>Insurance Summary</b>		
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	
<b>Staff Resources</b>		
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	
<b>Compliance History</b>		
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?		
<b>Regulation</b>		
When did the community enter the NFIP?	<a href="#">Community Status Book</a>	
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	
	<a href="#">Flood Insurance Manual</a>	
	Community FPA, FEMA CRS Coordinator, ISO representative <a href="#">CRS manual</a>	
<b>Community Rating System (CRS)</b>		
Does the community participate in CRS?	Community FPA, State, FEMA NFIP	
What is the community's CRS Class Ranking?	<a href="#">Flood Insurance Manual</a>	
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 <a href="#">CRS manual</a>	

### 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				



**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 <sup>3</sup>	-1.99 to +1.99	-2.00 to -2.99	-3.00 to -3.99	-4.00 and below
Earthquake	Modified Mercalli Scale <sup>4</sup>	I to IV	V to VII	VII	IX to XII
	Richter Magnitude <sup>5</sup>	2, 3	4, 5	6	7, 8
Hurricane Wind	Saffir-Simpson Hurricane Wind Scale <sup>6</sup>	1	2	3	4, 5
Tornado	Fujita Tornado Damage Scale <sup>7</sup>	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.

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

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

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

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

<sup>7</sup> 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?



## 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	<input type="checkbox"/> Project completed	<input type="checkbox"/> Project canceled	<input type="checkbox"/> Project on schedule
	<input type="checkbox"/> Project delayed (Explain) _____		
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?	





## 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://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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Expansive Soils	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flooding - Flash	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flooding - Riverine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Grass or Wildland Fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Severe Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sinkholes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Thunderstorm - Hail & Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tornado/Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other Hazards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

\* 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hazardous Materials Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Infrastructure Failure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pandemic Human Disease	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radiological Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Terrorism	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Transportation Incident	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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

- 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

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

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	<input type="radio"/>				
Child Care Facilities (pre-school)	<input type="radio"/>				
Schools (K-12)	<input type="radio"/>				
Hospitals	<input type="radio"/>				
Major Bridges	<input type="radio"/>				
Fire/Police Stations	<input type="radio"/>				
Museums/Historic Buildings	<input type="radio"/>				
Major Employers	<input type="radio"/>				
Small Business	<input type="radio"/>				
Colleges/Universities	<input type="radio"/>				
City Hall/Courthouse	<input type="radio"/>				
Parks	<input type="radio"/>				

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	<input type="radio"/>					
I support a non-governmental approach to reducing risk	<input type="radio"/>					
I support a mix of both governmental and non-governmental approaches to reducing risk	<input type="radio"/>					
I support policies to prohibit development in areas subject to natural hazards	<input type="radio"/>					
I support the use of tax dollars (federal &/or local) to compensate landowners	<input type="radio"/>					

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	<input type="radio"/>				
Protecting critical facilities (such as hospitals, transportation networks, fire stations, etc.)	<input type="radio"/>				
Preventing development in hazard areas	<input type="radio"/>				
Enhancing the function of natural features (such as streams, wetlands, etc.)	<input type="radio"/>				
Protecting historical and cultural landmarks	<input type="radio"/>				
Protecting and reducing damage to utilities	<input type="radio"/>				
Strengthening emergency services (such as police, fire, ambulance, etc.)	<input type="radio"/>				
Disclosing natural hazard risks during real estate transactions	<input type="radio"/>				
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	<input type="radio"/>				

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	
Ia	
Monona	
Plymouth	
Woodbury	
<b>TOTAL</b>	

**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				
<b>TOTAL</b>				

**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				
Radicalogical Incident				
Terrorism				
Transportation Incident				
<b>TOTAL</b>				

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

	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				
Animal/Plant/Crop Disease				
Hazardous Materials Incident				
Infrastructure Failure				
Pandemic Human Disease				
Radicalogical Incident				
Terrorism				
Transportation Incident				
<b>TOTAL</b>				

**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)

Neighbor/friend/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 hazard/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	
<b>TOTAL</b>	

**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	
<input type="checkbox"/> Dam Failure/Levee Failure	<input type="checkbox"/> Thunderstorm - Hail & Lightning
<input type="checkbox"/> Drought	<input type="checkbox"/> Tornado/Windstorm
<input type="checkbox"/> Earthquake	<i>Other Hazards: Human-caused or Biological Hazards</i>
<input type="checkbox"/> Expansive Soils	<input type="checkbox"/> Animal/Plant/Crop Disease
<input type="checkbox"/> Extreme Heat	<input type="checkbox"/> Hazardous Materials Incident
<input type="checkbox"/> Flooding - <i>Flash and Riverine</i>	<input type="checkbox"/> Infrastructure Failure
<input type="checkbox"/> Grass or Wildland Fire	<input type="checkbox"/> Pandemic Human Disease
<input type="checkbox"/> Landslide	<input type="checkbox"/> Radiological Incident
<input type="checkbox"/> Severe Winter Storm	<input type="checkbox"/> Terrorism
<input type="checkbox"/> Sinkholes	<input type="checkbox"/> 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.











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 BARNARD	MAYOR	
12/11/24	Dave West	Councilmen	
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

































































# Mitigation Planning Meeting

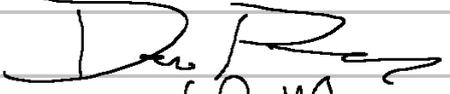
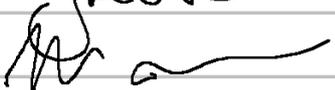
Jan 13, 2025

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*

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

Region  
Webby Co  
Sioux City

## 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](mailto:tdeckert@ktiv.com).

Agencies being asked to be a part of this series:

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

R.S.V.P. via email [morgan.dodd@floydvalley.org](mailto: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 Kopperud - 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. Kaka Lennon - UPH PACE
8. Josh Wren - Seniors Helping Seniors Siouxland
9. Ausmann - Child Care Nurse Consultant MISO
10. Jaden Harris - Le Mars YMCA
11. Katlin Harvey - Rosecrance Jackson
12. Andrea Loutsch - Gehlen Catholic
13. Kelli Arkema - Gehlen Catholic [karkema@gehlen-catholic.org](mailto:karkema@gehlen-catholic.org)
14. Jessica Brady - Gehlen
15. Kristin Hausmann - Gehlen Catholic
16. Kristen Ball - FVH
17. Noni Vo - FVH



- 16. Opwill
- 19. Angie Scott
- 20. Christy Schwaderer
- 21. Dawn Kimmel

SWA

Healthy Families / Plymouth / Cherokee  
Big Brothers Big Sisters of Sioux /  
SIMPCO

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	simoco	
Mark Stang	Mechanic	
Codit Kellen	trans. director	
Steve Weber	Superintendent	
Jaydon Nelson	Mechanic	
Becca Sobnat	PCEMA	

Mitigation Planning Meeting  
Dec 13 '24

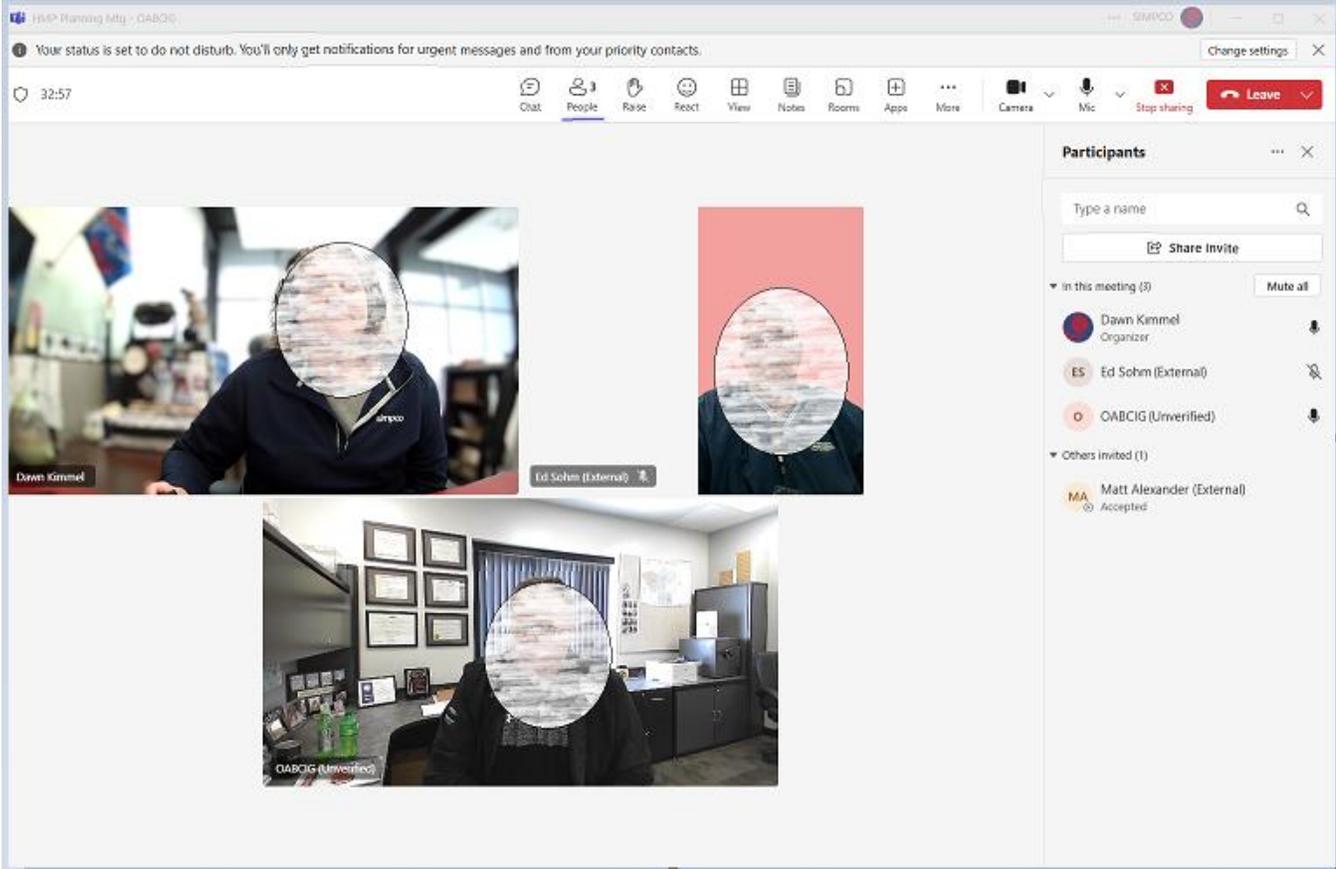
Remsen Union admin offices

<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	PCEMA	Becca Socknat

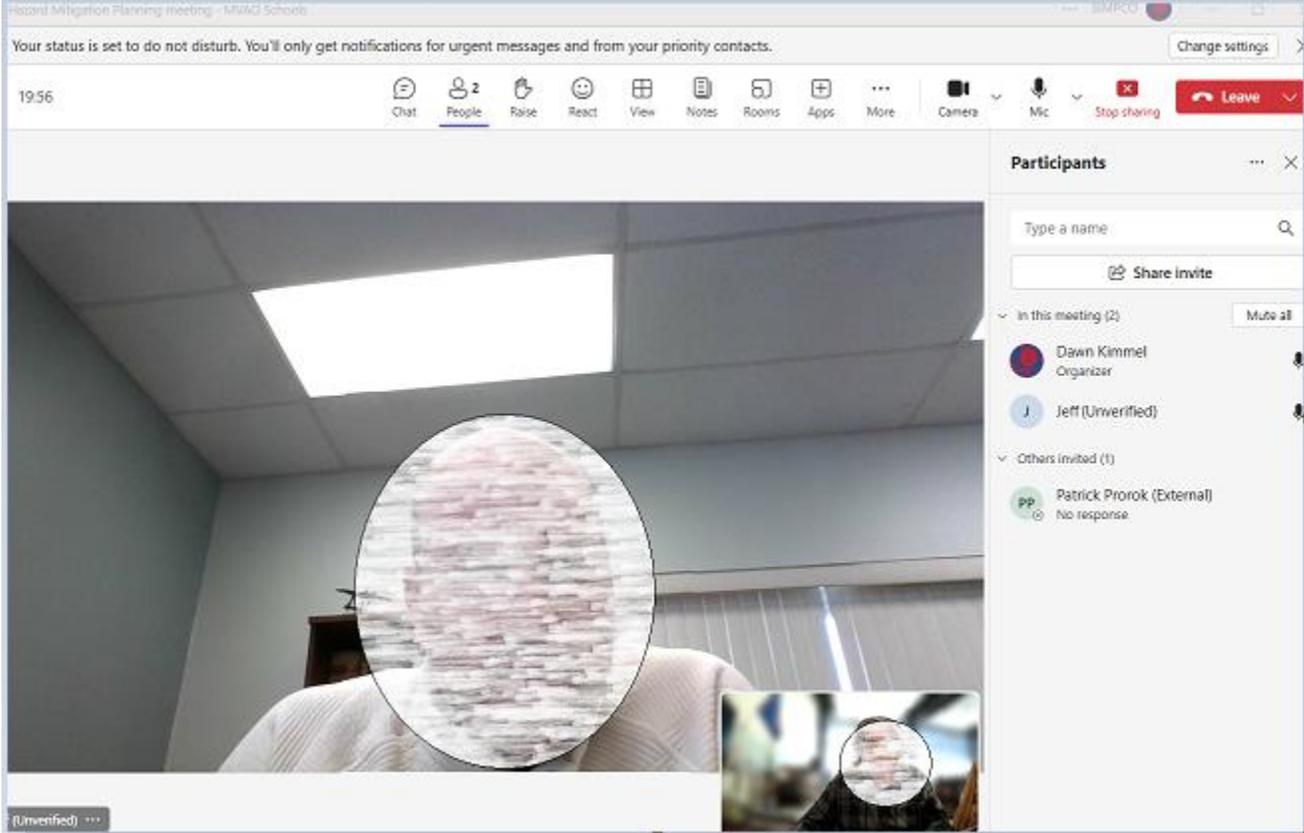




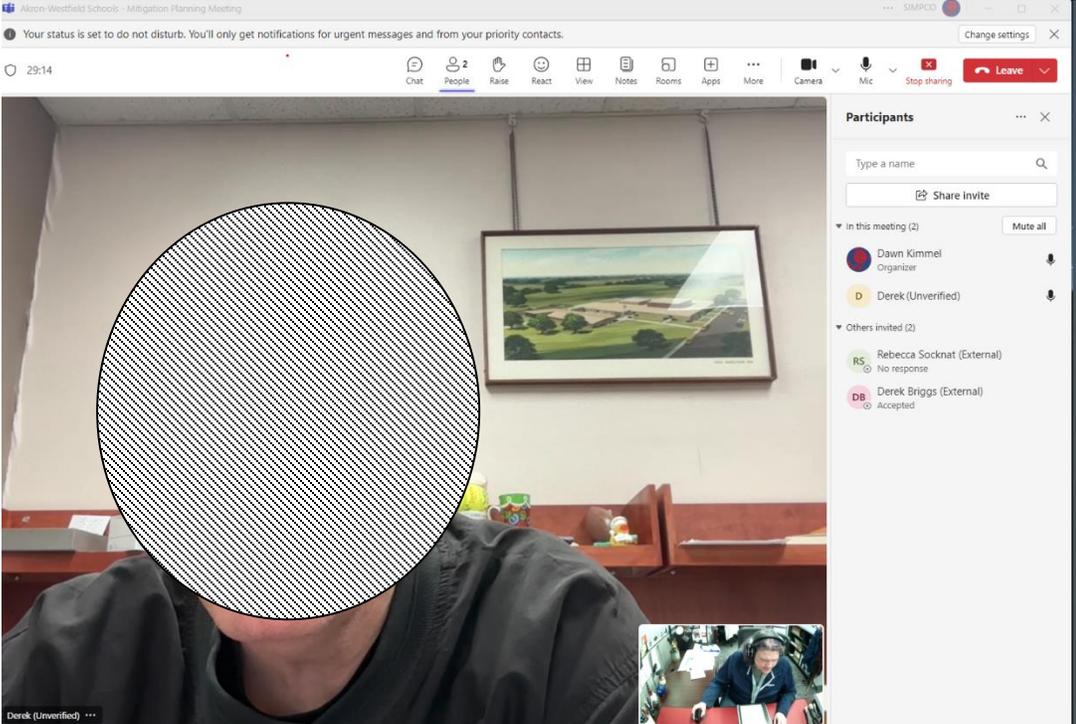
OABCIG CSD – HMP Planning Meeting 2025 02-25



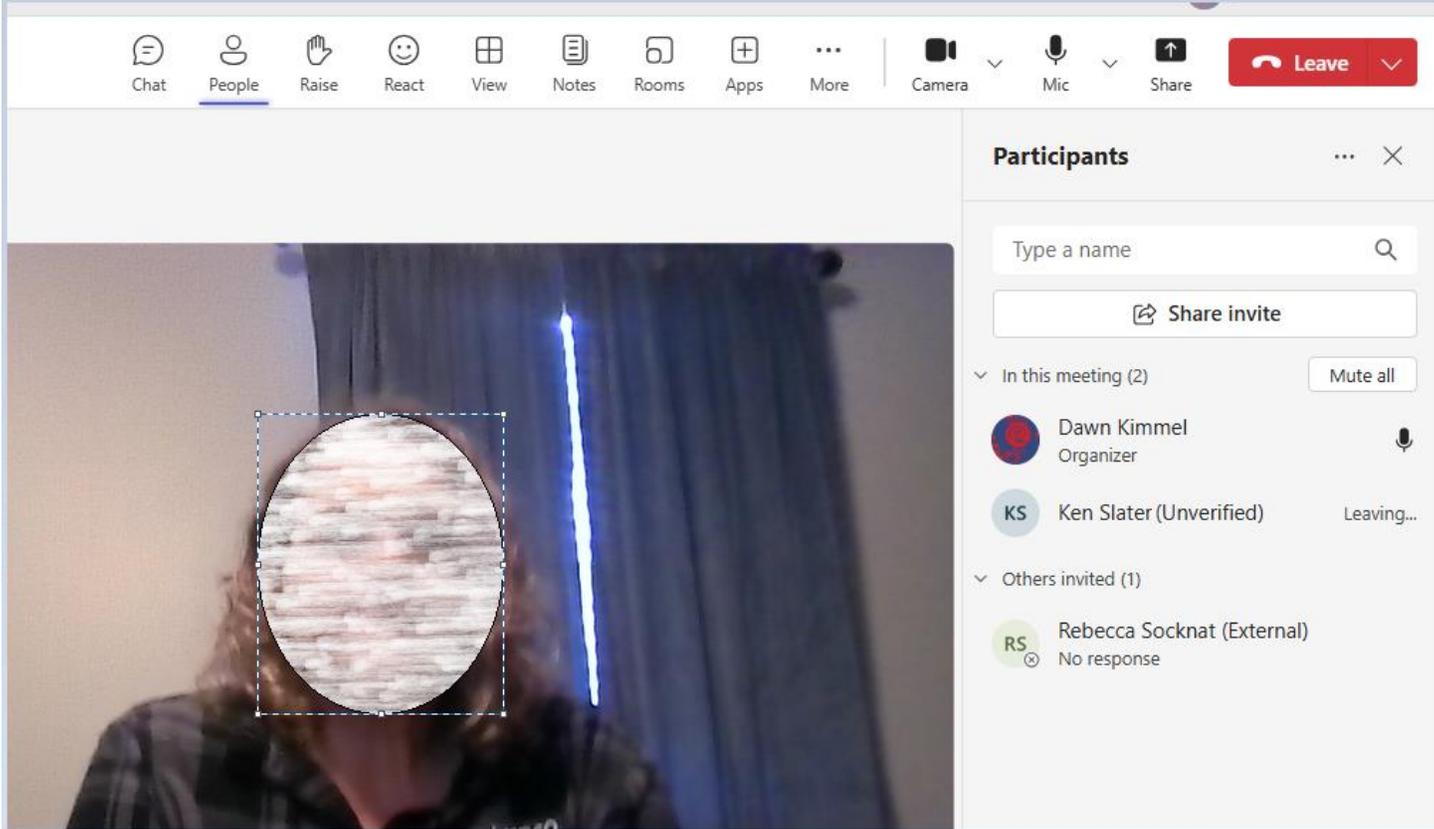
MVAO CSD – HMP Planning Meeting 2025 02-13



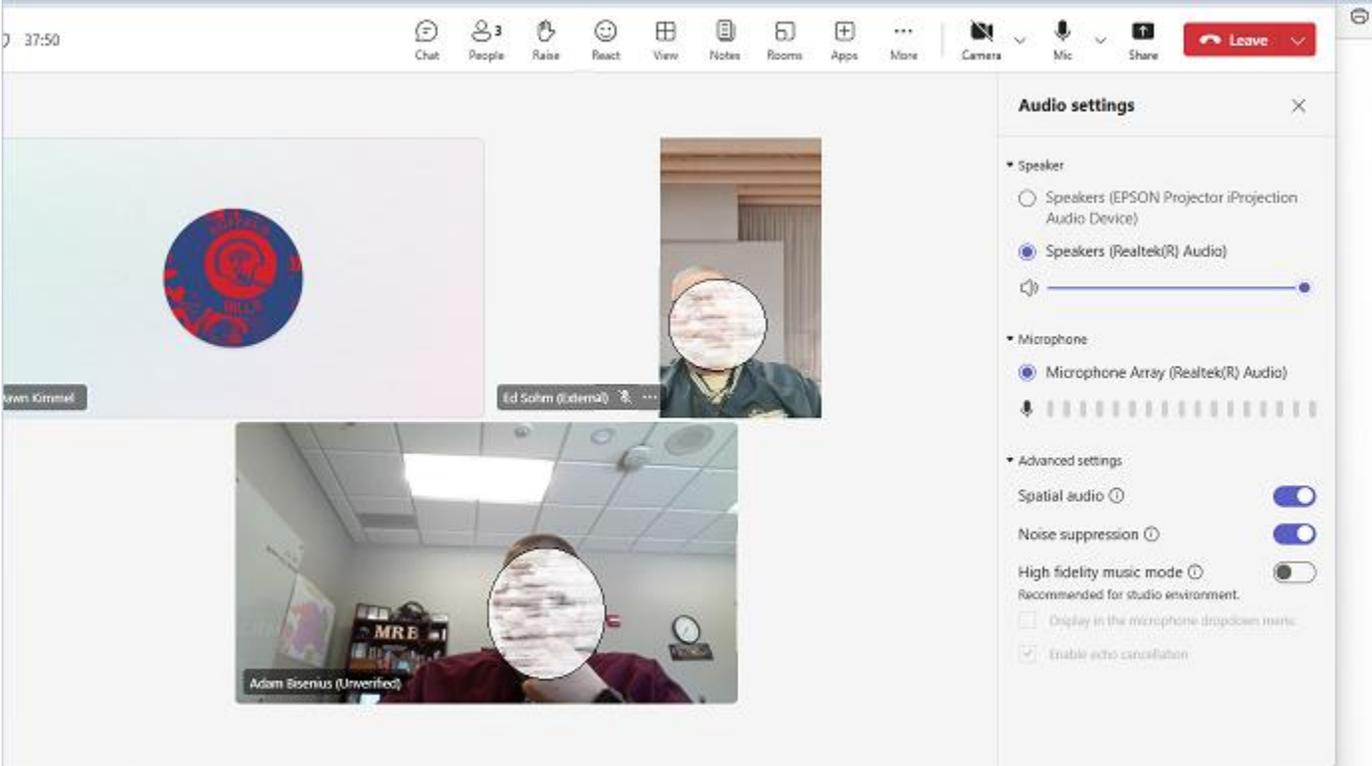
Akron-Westfield CSD Planning meeting 2025 Jan 08 15:30



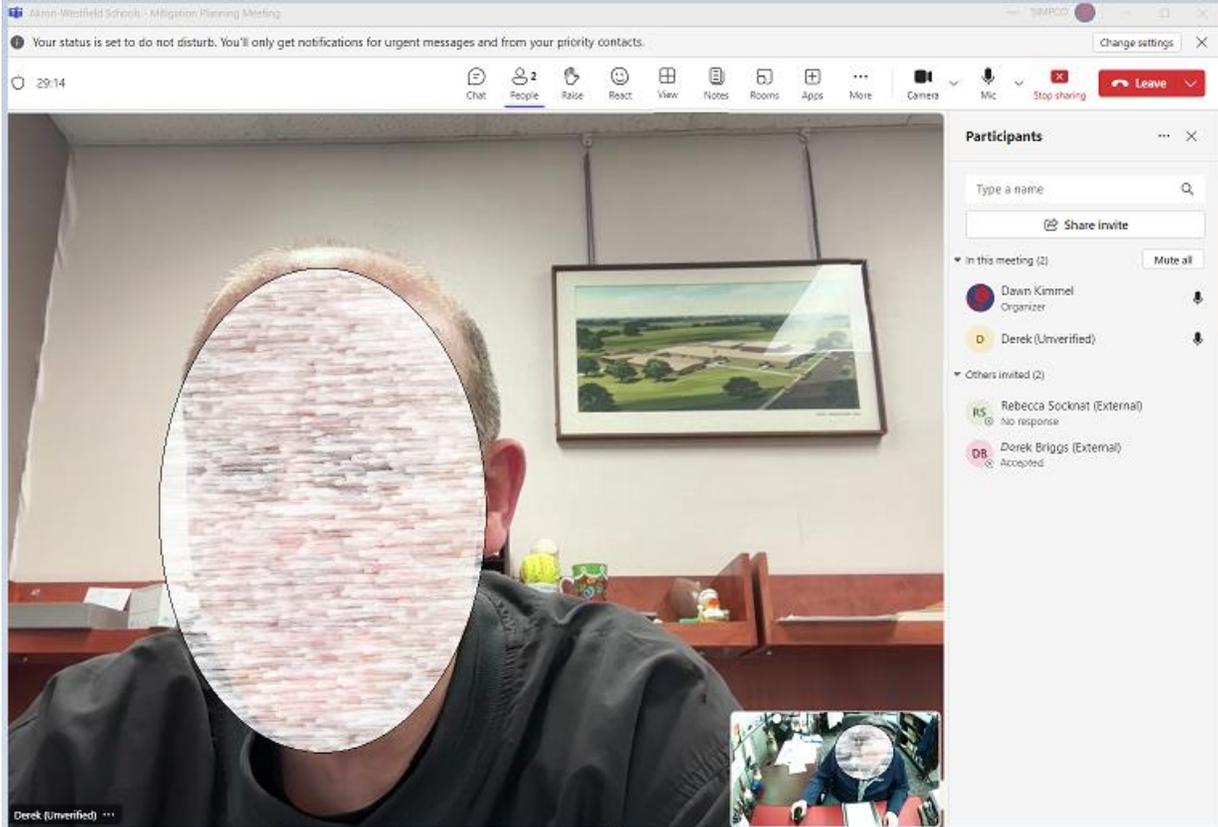
Hinton CSD Planning Meeting 2025 02-13



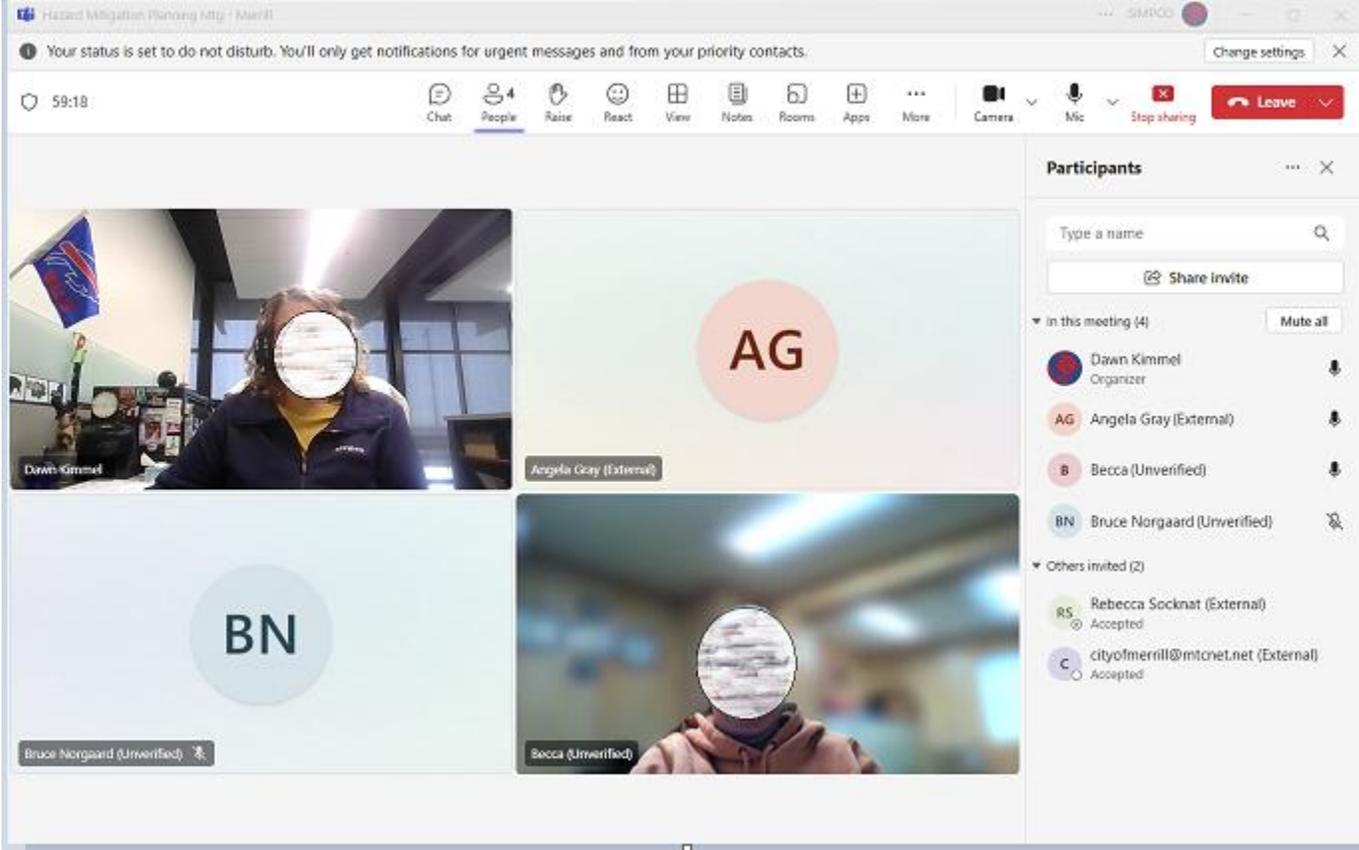
Galva-Holstein Ridge View Schools 2025 02-13



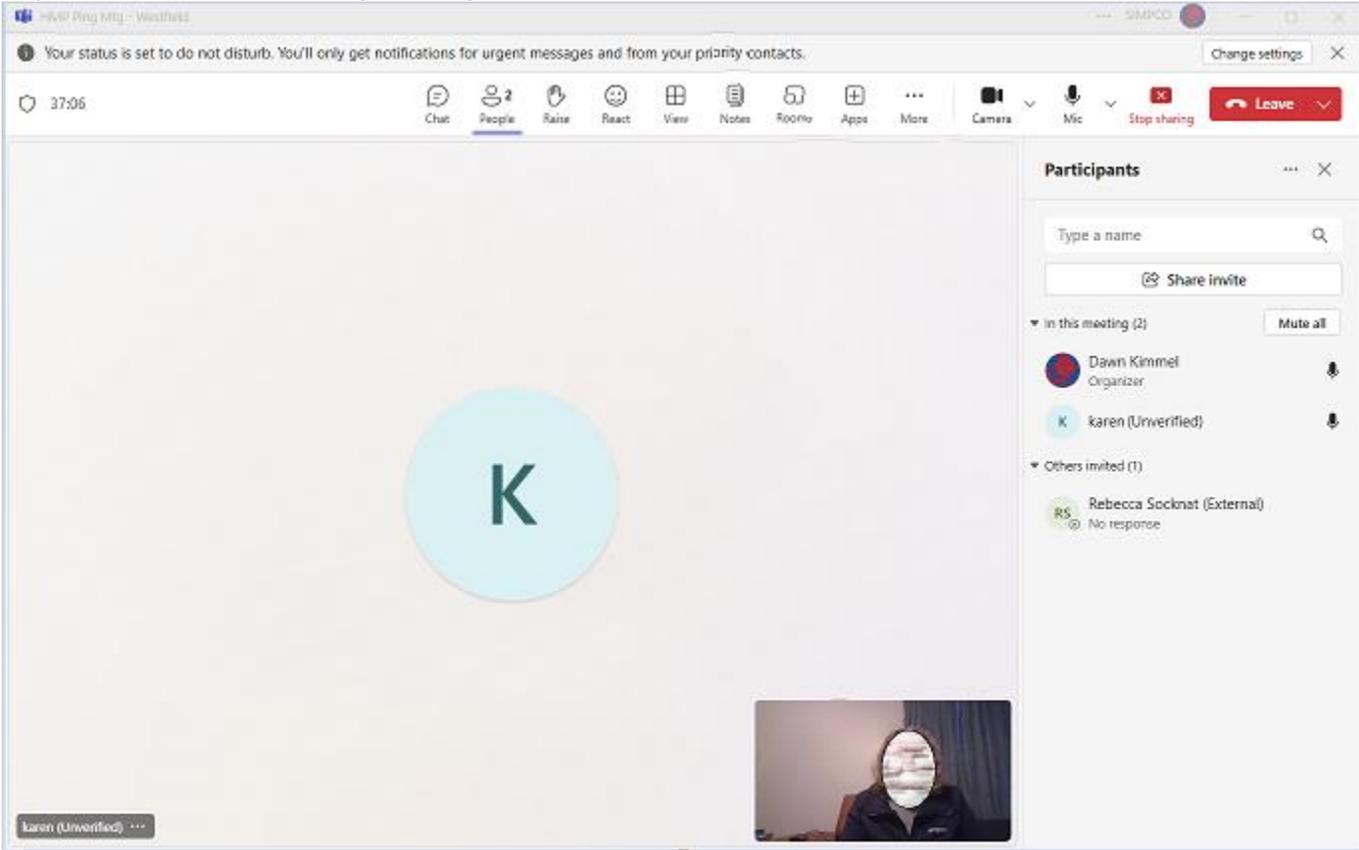
Akron-Westfield HMP Planning Meeting 2025 01-08



City of Merrill HMP Planning Meeting 2025 02-14



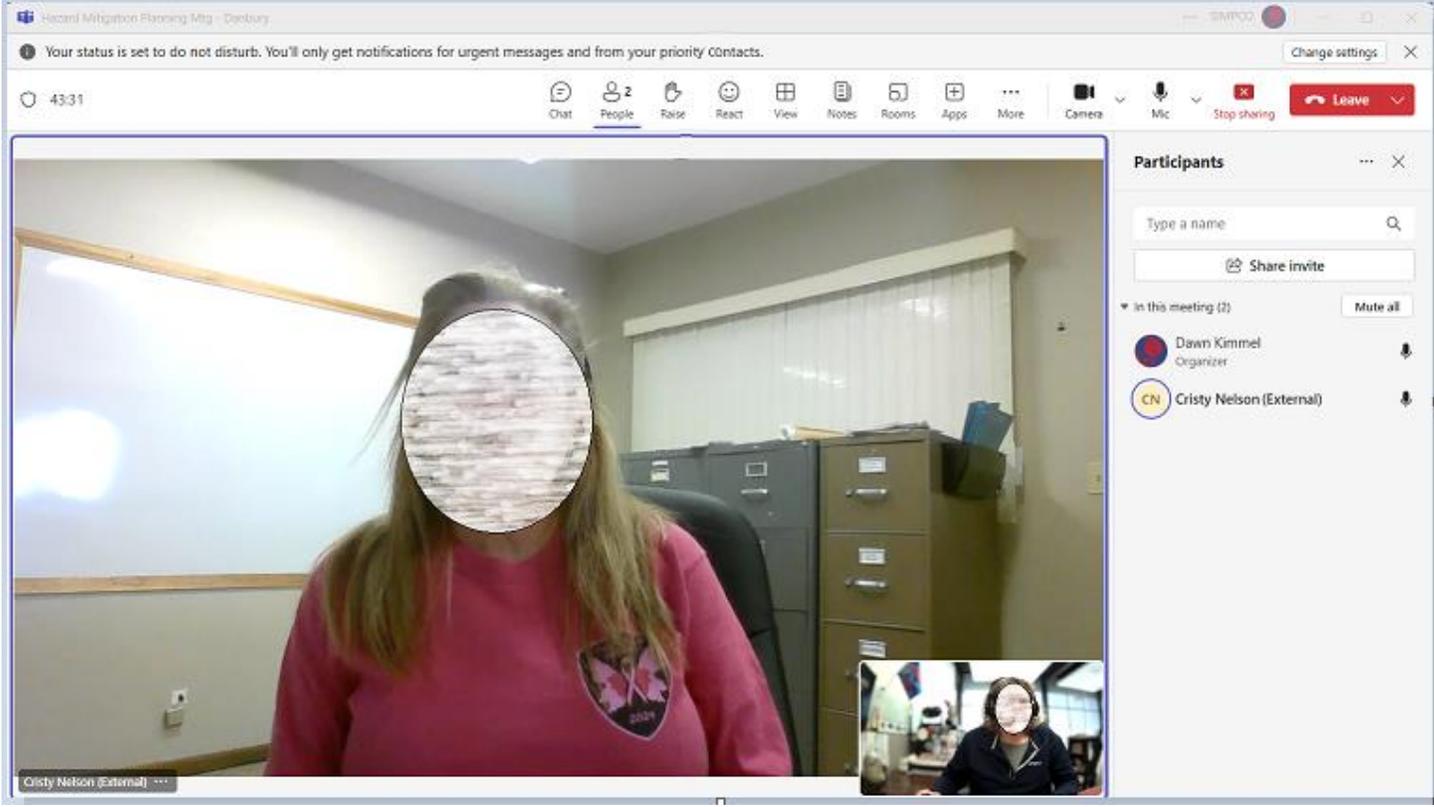
City of Westfield HMP Planning Meeting 2025 02-17



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
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
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)				
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)				
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-trees
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-trees
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.

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.

[to be added upon final approval]

## 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	<a href="http://www.accuweather.com">www.accuweather.com</a>
ArcGIS ( <i>Landslide Susceptibility</i> )	<a href="https://learn.arcgis.com/en/projects/identify-infrastructure-at-risk-of-landslides/arcgis-online/">https://learn.arcgis.com/en/projects/identify-infrastructure-at-risk-of-landslides/arcgis-online/</a> (user account required)
Centers for Disease Control & Prevention	<a href="https://www.cdc.gov/outbreaks/index.html">https://www.cdc.gov/outbreaks/index.html</a>
Earthworks	<a href="https://earthworks.org/resources/">https://earthworks.org/resources/</a>
Federal Emergency Management Agency (FEMA)	<a href="https://www.fema.gov/">https://www.fema.gov/</a>
Disaster Mitigation Act of 2000 (DMA)	
Flood Insurance Study	
Hazard Mitigation Assistance Unified Guidance	<a href="https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning">https://www.fema.gov/emergency-managers/risk-management/hazard-mitigation-planning</a>
Interim Final Rule (IFR)	
Local Multi-Hazard Mitigation Planning Guidance (Blue Book)	
FEMA Map Service Center	<a href="http://www.msc.fema.gov">http://www.msc.fema.gov</a>
National Flood Insurance Program (NFIP)	<a href="http://www.fema.gov">http://www.fema.gov</a>
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	<a href="http://www.hprcc.unl.edu">http://www.hprcc.unl.edu</a>
Inside Climate News	<a href="https://insideclimatenews.org/">https://insideclimatenews.org/</a>
Iowa Department of Agriculture	<a href="https://iowaagriculture.gov/">https://iowaagriculture.gov/</a>
Iowa Department of Natural Resources	<a href="http://www.iowadnr.gov">www.iowadnr.gov</a>
Dam Safety Program	<a href="https://www.iowadnr.gov/Environmental-Protection/Land-Quality/Dam-Safety">https://www.iowadnr.gov/Environmental-Protection/Land-Quality/Dam-Safety</a>
Iowa Online Dam Inventory	<a href="https://iowadnr.knack.com">https://iowadnr.knack.com</a>
Iowa Forest Service	<a href="http://www.iowadnr.gov/Environment/Forestry.aspx">http://www.iowadnr.gov/Environment/Forestry.aspx</a>
Iowa Department of Revenue	<a href="http://www.iowa.gov/tax/index.html">http://www.iowa.gov/tax/index.html</a>
Iowa Department of Transportation (Crash Statistics)	<a href="https://icat.iowadot.gov/">https://icat.iowadot.gov/</a>

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

<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><a href="#">United Airlines Trust Fund – Grant Application</a></u>
Grants.gov	<u><a href="https://www.grants.gov/search-grants">https://www.grants.gov/search-grants</a></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:

