

IV. COUNTIES & CITIES PARTICIPATING AS JURISDICTIONS

B. Ida County

Ida County is located in the south half of the northwest quarter of Iowa. The County is bordered by Cherokee County to the north, Sac County to the east, Crawford County to the south, and Woodbury County to the west. Ida County is approximately 432 square miles.

Cities within Ida County include Arthur, Battle Creek, Galva, Holstein, and Ida Grove.

[insert county topography map]

[insert county watershed & water resource map]

PROFILE – UNINCORPORATED AREA & COUNTY

a. Rivers & Watersheds

The Maple River crosses through the center of the County, while the Little Sioux River crosses briefly into Ida County at the northwest corner. Other rivers include Battle Creek and Soldier River, as well as many smaller creeks and streams.

There are four (4) watersheds within the County that drain storm water and snow melt into streams and lakes, wetland areas, or into groundwater reserves. These watersheds are Blackbird-Soldier Watershed, Little Sioux Watershed, Maple Watershed, and Boyer Watershed. Regional breakdown for watersheds is provided in the *Planning Area* information section in I. Introduction, subsection B. The following map depicts the sub-watersheds within those as listed above. Subwatersheds are determined based on a hydrologic unit code (HUC) level 12, which includes more detail such as tributary data.

b. Landform Regions & Geology

Ida County is composed of two (2) distinct landform regions that include Northwest Iowa Plains and Southern Iowa Drift Plain. Both are marked by rolling hills – the result of the manipulation of glacial sediment deposits by glacial melt and streams.

c. Transportation Network

U.S. Highway 20 runs east to west through the northern portion of the County. This highway is intersected by U.S. Highway 59, which runs north/south through the center of the state. The transportation network also includes State Highways 31 and 175.

The County's secondary road system is composed of 731.47 miles. Within this category, Farm-to-Market roads make up 225.58 miles, while Area Service roads account for 505.89 miles. Gravel or earth surface types account for 597.96 miles of the secondary road system. The remaining 124.68 miles are composed of asphalt or PCC surface types. Planned and illustrative transportation projects under Federal jurisdiction are included in the SIMPCO SRTPA 2050 Long Range Transportation Plan (LRTP) – a document on a five-year update schedule coinciding with the region's hazard mitigation planning process. Funded projects are included in the annually updated SIMPCO SRTPA Transportation Improvement Plan (TIP).

d. County Governance & Supports

The county seat is located in Ida Grove, near the center of the County. Its jurisdictions covers all unincorporated portions within county boundaries. Ida County is governed by a three (3)-person Board of Supervisors. The Board serves as the executive and administrative branches of Ida County. Additional Offices include the following departments:

- | | | |
|------------------|----------------------|-------------------|
| • Assessor | • Emergency | • Recorder |
| • Auditor | Management | • Sheriff |
| • Clerk of Court | • Emergency Services | • Treasurer |
| • Conservation | • Engineer | • Veteran Affairs |
| | • Public Health | |

The Ida County Emergency Management Agency provides coordination and works in partnerships with local communities, state, and federal agencies. Emergency Services Department has been added since the last HMP. The Ida County Sheriff's Office is the primary

law enforcement agency for all of Ida County and has added the position of School Resources Officer as a full-time position during the school year.

County Facilities

<i>Critical Facilities</i>	
Courthouse; Misc Equip	401 Moorehead, Ida Grove
Courthouse Annex; Misc Equip	401 Moorehead, Ida Grove
Garage/Shop & Related	1705 W 6th, Ida Grove
Road Mntc/Storage	377 1 st , Battle Creek
Roads Storage	323 W Railroad, Holstein
	Hwy M31, Arthur
Engineer's Office/Roads Dept	1705 W 6 th , Ida Grove
Landfill Dept Storage	2202 Indian Ave, Ida Grove
Landfill Dept Recycling Bldg & Related	2202 Indian Ave, Ida Grove
Park - Consvr Dept & Related	Sec 10 & 15, Corwin Twp
	Sec 9 & 10, Garfield Twp
Emergency Mgmt Communications Tower	Moorhead Ave

Education

Within Ida County there are eight (8) public schools divided into two (2) school districts. These districts include:

- Galva-Holstein Community School District
- Odebolt-Arthur & Battle Creek-Ida Grove Community School District

There are no colleges or universities based in Ida County, however there is an ISU Extension Office in Ida Grove.

[insert school district map]

Educational attainment in Ida Grove shows a strong emphasis on high school and associate-level education, with a higher share of residents completing these levels compared to the state

average. A notable portion of the population has attended some college without earning a degree, indicating engagement with postsecondary education. However, Ida Grove trails behind the state in the number of residents holding bachelor's and graduate degrees, suggesting a gap in higher-level academic achievement. The percentage of individuals without a high school diploma is also slightly above the state average, pointing to an area for potential improvement in early educational attainment. Overall, the data reflect a community with a solid foundation in basic and technical education but opportunities for growth in advanced degree completion.

<i>Level of Education</i>	<i>Ida</i>	<i>Iowa</i>
No high school diploma	11.5%	10.6%
High school degree (includes equivalency)	41.9%	30%
Some college, no degree	20.5%	19.6%
Associate's degree	16%	21%
Bachelor's degree	16.2%	20.9%
Graduate or professional degree	4.5%	10.7%

Population

Estimates through CensusReporter.org provides Ida County's 2023¹ population of 6,944, showing a consistent decline since the decennial census reported 7,089 in 2010 and 7,005 in 2020.

The County's proportion of residents aged 65 years and older is high compared to Iowa. The proportion of the population living with a disability is comparable to state levels. FEMA identifies both of these categories as vulnerable populations.

<i>Community Characteristics</i>	
Population (2023)	6,944
Population (2017)	6,965
Total Households	2,944
Median Household Income	\$62,841
Median Household Income – Iowa	\$73,147

<i>Vulnerable Populations</i>	<i>Count</i>	<i>Percent</i>	<i>Iowa</i>
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¹ Source: <https://censusreporter.org/profiles/05000US19093-ida-county-ia/>

5 years and younger	381	5.5%	5.7%
65 years and older	1,536	22.1%	18.5%
Below the poverty level	701	10.4%	11.3%
Living with a disability	885	13%	13.2%

Housing

Ida Grove offers more affordable housing compared to the state of Iowa, with a significantly lower median home value. The median rent is also slightly below the state average. The city has a total of 3,365 housing units, with an 89% occupancy rate. Of occupied units, 78% are owner-occupied. A modest number of homes remain vacant, suggesting a stable housing market. These figures highlight a community where homeownership is prevalent, and rental options are available, but limited.

<i>Housing Characteristics</i>		
	<i>Ida</i>	<i>Iowa</i>
Median Home Value	\$108,800	\$195,900
	<i>Count</i>	<i>Percent</i>
Total Housing Units	3,365	-
Occupied	2,961	88.8%
Owner-occupied	2,624	78%
Renter-occupied	740	22%
Vacant	370	11%

Income & Economics

Data from CensusReporter.org indicates a median household income of \$62,841 which is lower than both the Iowa and national estimates. County poverty estimates reflect about 10.4% of the population falls below the poverty line.

In Ida Grove, the civilian employed population aged 16 and older totals 3,533 individuals. The largest employment sectors in the city are education, health care, and social assistance, followed by manufacturing, which together employ a significant portion of the workforce. Agriculture, including forestry, fishing, and mining, also plays a key role in the local economy. Retail trade and construction are other notable sectors, while smaller portions of the

population work in areas such as transportation, finance, and information services. Public administration, arts, entertainment, and professional services account for smaller segments of the workforce. This diverse employment base reflects a community with strong ties to both traditional industries and service-oriented sectors.

Ida County identifies the following businesses and organizations as leading employers for the county.

- Cylinder Express
- Flint Hills Resources
- Galva-Holstein Community School District
- GOMACO
- GOMACO Trolley Company
- Hi-Way Products
- Holstein Manufacturing, Inc.
- Horn Memorial Hospital
- Invenenergy/MidAmerican Wind Farms
- Johnson Propane, Heating, and Cooling
- Midwest Industries
- OABCIG Community School District
- Poet Bioprocessing
- Quad County Corn Processors
- Reliant Processing
- Ridge View School District
- Tiefenthaler Quality Meats
- United Bank of Iowa
- VT Industries

<i>Industry for the Civilian Employed Population 16 & over</i>		
Civilian employed population (16 and older)	3,533	-
Agriculture, forestry, fishing and hunting, and mining	385	10.9%
Construction	291	8.2%
Manufacturing	766	21.7%
Wholesale trade	58	1.6%
Retail trade	368	10.4%
Transportation and warehousing, and utilities	181	5.1%
Information	68	1.9%
Finance and insurance, and real estate and rental and leasing	131	3.7%
Professional, scientific, and management, and administrative and waste management services	73	2.1%
Education services and health care and social assistance	836	23.7%
Arts, entertainment, and recreation, and accommodation and food services	182	5.2%

Other services except public administration	129	3.7%
Public administration	62	1.8%

Valuation of County Assets

A current statement of values has not been provided. Based on the total building and personal property assessment valuation of \$13,547, 928 as received from 2019 and a minimum 40% increase for other counties in the region, this plan assumes an approximate valuation of \$18,967,100. This dollar amount serves as a foundation for minimum protected assets for mitigation projects affecting the county and its unincorporated areas as may be applicable in a cost-benefit analysis. A detailed valuation shall be fully considered within project parameters during project planning. Values inconsistent with this estimate may require an amendment at the county level prior to pursuit of mitigation funds as may be available.

PARTICIPATION

A planning meeting was conducted at the Ida County Courthouse on December 4, 2024 with the following county representatives in attendance.

- Ed Sohm, EMA
- Wyatt Reitmeier, Conservation Board
- Traci Riessen, Treasurer
- Corey Trucke, EMS Dept.
- Julie Phillips, Recorder
- Jeff Williams, Engineer

In addition to the in-person meeting, 28 survey responses were collected from Ida County residents. Their collective responses have been considered in discussion of county response efforts, concerns, needs, and recommendations.

CAPABILITIES

County capabilities are determined not only by physical infrastructure and equipment, but also by human resources, policy, and standards of practice. The following table itemizes supports including procedural sources, departmental roles, formal and informal community supports, and funding sources.

<i>Plans/Guidance</i>	
Capital Improvement Plan <i>via annual budget process</i>	
Comprehensive Land Use Plan	
Comprehensive Plan	
Flood Mitigation Assistance (FMA) Plan	
Local/County Emergency Plan	
<i>Policies/Ordinance</i>	
Zoning Ordinance	Subdivision Ordinance
Floodplain Ordinance	Tree Trimming Ordinance
Nuisance Ordinance (including <i>Debris Mgmt Plan</i>)	Floodplain Management Ordinance
<i>Programs/Commissions</i>	
National Flood Insurance Program (NFIP) Participant	CID #190893
Planning/Zoning Boards	Economic Development Planner
	Includes oversight of Builder's Plan (Zoning Officer)
	NFIP Floodplain Administrator (Zoning Officer)
	Zoning/Land Use Restrictions
<i>Staff/Department</i>	<i>Included responsibility</i>
Emergency Management Coordinator	Hazard Awareness Program
Emergency Response Team	Includes oversight of Emergency Operations Center
Engineer	
Mapping Specialist (GIS)	
Secondary Road Dept	Tree Trimming Program & Compliance
<i>Non-Governmental Organizations</i>	
Ida Grove Ambulance (independent of city/county operations, non-profit)	
American Red Cross	
Community Organizations (Lions, Kiwanis, etc.)	
Veterans Groups	
<i>Local Funding Availability/Eligibility</i>	
Community Development Block Grants	
Capital Improvements funding	
Levy taxes for specified purpose	
Fees for water, sewer, gas, or electric services	
Impact fees for new development under the Economic Development Commission	

TIF	
Potential funding through Utility earnings	
Ability to incur debt through	general obligation bonds
	special tax bonds
	private activities

It is important to note that standards of practice, whether written or implied, are based on State Code, with the most stringent taking precedence. Ida County has adapted its departmental structure and representation to best serve residents efficiently and effectively.

Review of Actions Taken

[insert project table from 2020 w/updates]

Driver leaves scene after railroad crash

Published by admin on Mon, 06/06/2022 - 4:53pm



An unidentified driver caused \$25,000 in damage at Market Avenue and Highway 175 Saturday after running a stop sign and damaging railroad track and the driver's own vehicle.

The crash took place 2:41 a.m. when the driver was southbound on Market Avenue and did not stop at the railroad intersection for Market Avenue and Highway 175.

Running through the intersection, the driver struck the track for the railroad.

www.idacountycourier.com/content/driver-leaves-scene-after-railroad-crash *Driver leaves scene after railroad crash.* Published by Ida County Courier admin on Mon, 06/06/2022 - 4:53pm (June 10, 2025)

RISK ASSESSMENT

As with most participating jurisdictions, Ida County has implemented infrastructure investments geared toward enhancing resiliency including communications improvements and the addition of its Emergency Services Department. Other projects affecting the county, but not

necessarily fully within their control includes the pending CO₂ pipeline. The County is actively considering the potential addition of the pipeline within its emergency response planning process. As potential effects related to a spill or line breakage remain relatively unclear, the County will continue to assess related training opportunities as means of maximizing preparedness should pipeline construction take place.

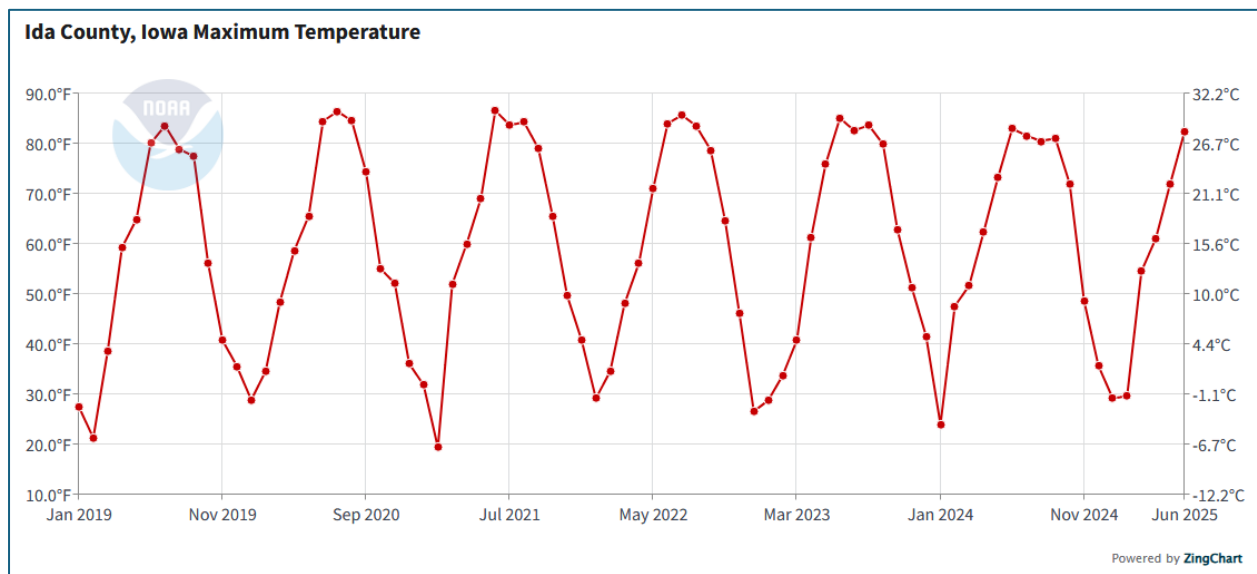
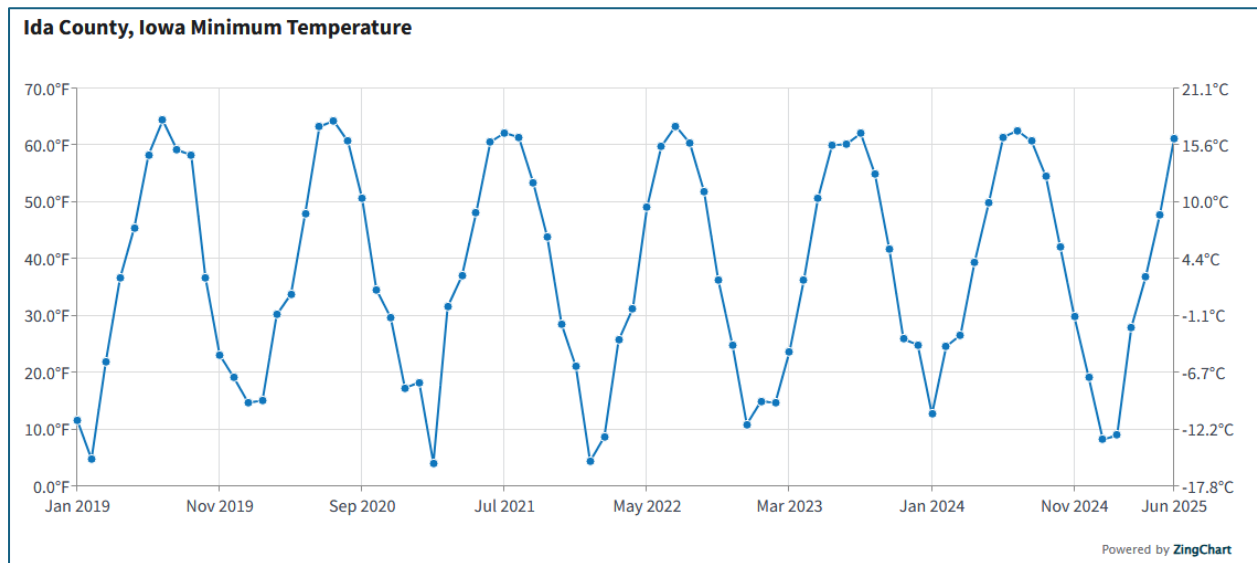
The County intends to adopt building code standards following state practices by reference. In doing so, the county is increasing awareness of impacts of disaster, guiding residents to make informed decisions when adding or improving structures on County and unincorporated properties.

Ida County's Flood Mitigation Assistance Plan is in need of an update. As of December 2024, the county board is working with Iowa DNR to update floodplain maps and related ordinances. The county is also considering the development of a debris management plan allowing for coordinated cleanup efforts in the event of a major disaster. The county does not currently have a written Critical Facilities Plan (Mitigation/Response/Recovery). Practices are in place, and there is an anticipated course of action. A formal plan with scheduled review is recommended.

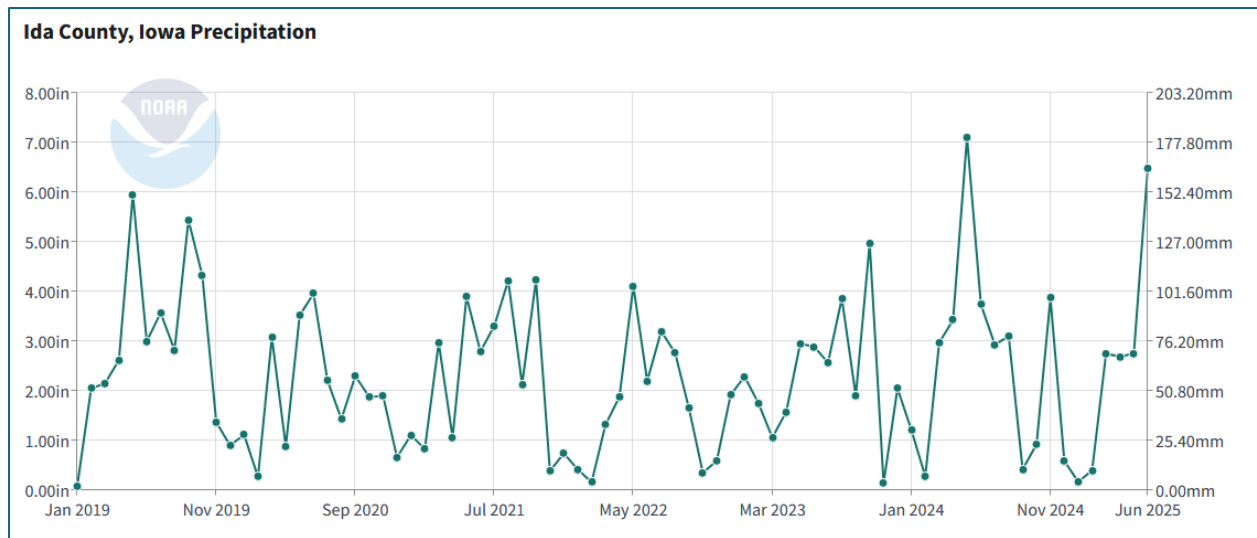
Roadways are a significant consideration in mitigation planning for Ida County. A high percentage of gravel roads alone incurs increased expense depending on weather events. Over-the-road freight is another significant detriment to all roadways as the state issues recurring exemptions for weight limits to accommodate ag and energy businesses. Road installations are engineered based on use and mandatory weight limits. When those are disregarded, even for a good cause, wear and deterioration is accelerated. Future reconstruction projects may consider accommodation for maximum potential load weights as opposed to maximum permitted.

Ida County has made significant gains in connectivity throughout its communities and unincorporated areas. Efforts will continue as opportunities become available. As such, this is included as a new project for the county for the 2025 HMP.

Weather patterns contribute to Ida County's considerations in mitigation planning. For reference, the following charts depict maximum temperature, minimum temperature, and precipitation by month for the county² between November 2019 and December 2024.



² Source: www.ncei.noaa.gov/access/monitoring/climate-at-a-glance/county/time-series/IA



Also sourced from NOAA, the Storm Event database³ provides the following record of events for Ida County.

Summary of Storm Events

Number of County/Zone areas affected:	2
Number of Days with Event:	96
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0
Number of Days with Event and Property Damage:	3
Number of Days with Event and Crop Damage:	18
Number of Event Types reported:	16

Storm Events as Recorded

Location	Date	Time	Type	Mag	Dth	Inj	PrD	CrD
IDA (ZONE)	11/26/2019	14:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	11/28/2019	22:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/17/2020	5:30	Blizzard		0	0	0.00K	0.00K
IDA (ZONE)	1/18/2020	15:00	Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	1/21/2020	23:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/12/2020	23:00	Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	2/19/2020	2:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	3/19/2020	19:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	4/12/2020	9:00	Winter Weather		0	0	0.00K	0.00K

³ Source: <https://www.ncdc.noaa.gov/stormevents/>

ARTHUR	6/5/2020	1:02	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:53	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:57	Hail	1.75 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:59	Hail	2.50 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:59	Hail	1.50 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	1:06	Hail	1.00 in.	0	0	0.00K	0.00K
IDA (ZONE)	6/9/2020	23:15	High Wind	56 kts. EG	0	0	6.00K	0.00K
IDA (ZONE)	6/9/2020	23:30	High Wind	52 kts. EG	0	0	5.00K	0.00K
IDA (ZONE)	7/28/2020	0:00	Drought		0	0	0.00K	2.350M
IDA (ZONE)	8/1/2020	0:00	Drought		0	0	0.00K	1.900M
ARTHUR	8/10/2020	8:29	Thunderstorm Wind	56 kts. EG	0	0	1.00K	50.00K
IDA GROVE	8/10/2020	8:20	Thunderstorm Wind	61 kts. EG	0	0	1.00K	0.00K
IDA (ZONE)	9/1/2020	0:00	Drought		0	0	0.00K	125.00K
IDA (ZONE)	10/1/2020	0:00	Drought		0	0	0.00K	75.00K
IDA (ZONE)	10/25/2020	3:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	11/1/2020	0:00	Drought		0	0	0.00K	240.00K
IDA (ZONE)	11/9/2020	22:00	Ice Storm		0	0	0.00K	0.00K
IDA (ZONE)	12/1/2020	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	12/23/2020	10:00	Blizzard		0	0	0.00K	0.00K
IDA (ZONE)	12/29/2020	8:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/1/2021	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	1/15/2021	0:00	Blizzard		0	0	0.00K	0.00K
IDA (ZONE)	1/23/2021	18:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/25/2021	12:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/1/2021	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	2/4/2021	3:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/14/2021	6:00	Extreme Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	2/21/2021	5:00	Winter Storm		0	0	0.00K	0.00K
GALVA	5/2/2021	19:37	Hail	0.88 in.	0	0	0.00K	2.00K
IDA GROVE	6/16/2021	20:52	Hail	0.75 in.	0	0	0.00K	233.00K
IDA GROVE	6/16/2021	21:00	Hail	1.25 in.	0	0	0.00K	0.00K
IDA GROVE	6/16/2021	21:02	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	6/16/2021	20:34	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
IDA (ZONE)	7/27/2021	0:00	Drought		0	0	0.00K	61.00K
IDA (ZONE)	8/1/2021	0:00	Drought		0	0	0.00K	2.00K
ARTHUR	8/30/2021	21:02	Hail	1.75 in.	0	0	0.00K	0.00K
ARTHUR	8/30/2021	21:06	Hail	1.75 in.	0	0	0.00K	33.00K
IDA GROVE MUNI ARPT	8/30/2021	20:54	Hail	0.75 in.	0	0	0.00K	0.00K
IDA (ZONE)	12/10/2021	13:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	12/15/2021	20:30	High Wind	59 kts. MG	0	0	0.00K	0.00K
BATTLE CREEK	12/15/2021	16:42	Tornado	EF1	0	0	200.00K	0.00K
GALVA	12/15/2021	16:58	Tornado	EF0	0	0	75.00K	0.00K
IDA (ZONE)	1/6/2022	5:00	Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	1/14/2022	5:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/21/2022	17:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/22/2022	19:30	Cold/wind Chill		0	0	0.00K	0.00K

IDA GROVE	4/12/2022	16:57	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	4/12/2022	16:57	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE MUNI ARPT	4/12/2022	19:02	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
IDA (ZONE)	4/19/2022	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	4/23/2022	10:45	High Wind	38 kts. MS	0	0	0.00K	0.00K
GALVA	4/23/2022	5:10	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
IDA (ZONE)	5/1/2022	0:00	Drought		0	0	0.00K	36.00K
HOLSTEIN	5/12/2022	18:40	Thunderstorm Wind	70 kts. EG	0	0	0.00K	0.00K
IDA GROVE MUNI ARPT	5/19/2022	22:49	Hail	1.00 in.	0	0	0.00K	0.00K
GALVA	5/30/2022	5:40	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K
GALVA	5/30/2022	5:40	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K
GALVA	5/30/2022	5:42	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K
IDA GROVE	5/30/2022	5:33	Thunderstorm Wind	65 kts. EG	0	0	0.00K	0.00K
IDA (ZONE)	6/14/2022	0:00	Drought		0	0	0.00K	185.00K
IDA (ZONE)	7/1/2022	0:00	Drought		0	0	0.00K	704.00K
IDA (ZONE)	8/1/2022	0:00	Drought		0	0	0.00K	110.00K
IDA (ZONE)	9/1/2022	0:00	Drought		0	0	0.00K	281.00K
IDA (ZONE)	10/1/2022	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	11/1/2022	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	11/29/2022	6:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	12/1/2022	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	12/8/2022	16:30	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	12/22/2022	10:30	Blizzard		0	0	0.00K	0.00K
IDA (ZONE)	12/22/2022	2:00	Extreme Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	1/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	1/2/2023	18:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/11/2023	5:00	Dense Fog		0	0	0.00K	0.00K
IDA (ZONE)	1/18/2023	17:00	Winter Storm		0	0	0.00K	0.00K
IDA (ZONE)	1/28/2023	0:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	2/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	3/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	3/8/2023	16:30	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	3/22/2023	21:30	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	4/1/2023	0:00	Drought		0	0	0.00K	0.00K
ARTHUR	4/19/2023	18:52	Hail	1.00 in.	0	0	0.00K	0.00K
IDA (ZONE)	4/30/2023	8:00	Strong Wind	43 kts. MG	0	0	0.00K	0.00K
IDA (ZONE)	5/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	6/13/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	7/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	7/26/2023	10:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	8/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	8/19/2023	13:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	8/21/2023	11:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	9/1/2023	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	10/1/2023	0:00	Drought		0	0	0.00K	10.150M
IDA (ZONE)	1/8/2024	15:00	Winter Storm		0	0	0.00K	0.00K

IDA (ZONE)	1/11/2024	18:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/12/2024	15:00	Blizzard		0	0	0.00K	0.00K
IDA (ZONE)	1/12/2024	18:00	Extreme Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	1/18/2024	10:00	Winter Weather		0	0	0.00K	0.00K
IDA (ZONE)	1/19/2024	22:00	Cold/wind Chill		0	0	0.00K	0.00K
IDA (ZONE)	2/27/2024	17:00	Winter Weather		0	0	0.00K	0.00K
ARTHUR	6/16/2024	0:10	Thunderstorm Wind	65 kts. EG	0	0	0.00K	0.00K
ARTHUR	6/16/2024	0:10	Thunderstorm Wind	61 kts. EG	0	0	0.00K	9.00K
HOLSTEIN	6/23/2024	4:00	Flood		0	0	0.00K	0.00K
IDA (ZONE)	7/13/2024	12:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	7/31/2024	11:00	Heat		0	0	0.00K	0.00K
IDA (ZONE)	8/2/2024	12:00	Heat		0	0	0.00K	0.00K
IDA (ZONE)	8/5/2024	12:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	8/25/2024	12:00	Excessive Heat		0	0	0.00K	0.00K
IDA (ZONE)	10/29/2024	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	11/1/2024	0:00	Drought		0	0	0.00K	0.00K
IDA (ZONE)	12/4/2024	12:00	Strong Wind	40 kts. MG	0	0	0.00K	0.00K
IDA (ZONE)	12/19/2024	12:00	Strong Wind	41 kts. MG	0	0	0.00K	0.00K

Priority Hazards

Ida County recognizes the following as priority hazards.

- Drought
- Tornado Windstorm
- Severe Winter Weather
- Flood – Riverine and Flash

Using the NOAA Storm Event database, 119 events were reported between 11/01/2019 and 12/31/2024 (1888 days) in the Ida County zone with an estimated total of \$288,000 in property damages and more than \$16.5M in crop damages. Additional details are provided in directly affected communities where applicable. The following table is a summary of effects of those events.

<i>Summary of Outcomes</i>	
Number of County/Zone areas affected:	2
Number of Days with Event:	96
Number of Days with Event and Death:	0
Number of Days with Event and Death or Injury:	0

Number of Days with Event and Property Damage:	3
Number of Days with Event and Crop Damage:	18
Number of Event Types reported:	16

<i>Occurrences per storm type</i>			
Drought	31	Extreme Cold/wind Chill	3
Winter Weather	23	Strong Wind	3
Hail	18	Winter Storm	3
Thunderstorm Wind	12	Heat	2
Excessive Heat	6	Tornado	2
Blizzard	5	Dense Fog	1
Cold/wind Chill	5	Flood	1
High Wind	4	Ice Storm	1

Using NOAA data alone, it is no surprise that Ida County added Drought as one of its priority hazards, a change to its 2019 assessment. Other identified priority hazards are consistent with the previous Plan. Drought conditions to date have been more impactful on county properties with cities not yet experiencing extreme effects. Flooding concerns are focused on flash flood events causing washout on gravel roads and concern for lack of or ineffective runoff controls. Stabilization is included with routine maintenance, however, the county is in need of alternatives that reduce frequency of maintenance investments.

Additional projects identified by the county to improve its sustainability through severe weather disasters and occurrence of other disasters are included in the following table.

MITIGATION ACTIONS, STRATEGIES, & PROJECTS

[insert new projects table]

JURISDICTIONS

1. ARTHUR

a. Profile

The City of Arthur lies on the eastern-most border of Ida County, and occupies 0.15 square miles. Highway 175 is the main road that connects Arthur to surrounding communities and runs east and west through the city. The city was named after the 21st president of the United States of America, Chester A. Arthur.

City Governance & Community Supports

Arthur is governed by a five-person elected city Council and the Mayor. Offices in addition to Mayor and Council include City Clerk and Superintendent. Arthur City has a volunteer Fire Department in place. The Department staff averages at about 13 members and is independent of the City. The city contracts with the county for law enforcement and emergency management coordination.

Demographics, Housing, & Economics

The town of Arthur has experienced significant growth, with its population rising to 295 in 2023⁴ as estimated by CensusReporter.org – up from 222 residents in 2020’s decennial census reports. The community is home to 140 households, and the median household income stands at \$53,750. However, approximately 17.5% of the population lives below the poverty line, highlighting some economic challenges within the town. Despite this, Arthur is a growing community with potential for further development and improvement as it continues to adapt to the needs of its residents.

Arthur has a total of 147 housing units, with 139 of them occupied, reflecting a strong demand for housing in the area. There are only 7 vacant units, indicating a low vacancy rate. The town has no mobile homes, and the majority of its homes were built after 2000, with a smaller portion constructed in the 1990s. Very few homes were built before 1990, indicating a relatively

⁴ Source: <https://censusreporter.org/profiles/16000US1903115-arthur-ia/>

new housing market in the town. These characteristics suggest that Arthur's housing infrastructure is modern, with a high occupancy rate and limited room for new development.

Leading Employers

Following employers include those in Arthur as well as regional employers that have a significant impact on community well-being.

- Flint Hills Resources (Ethanol Plant)
- Gomaco
- Midwest Industries
- Horn Memorial Hospital

Critical Facilities, Community Supports, Vulnerable Populations, Gathering Locations, & Local Areas of Interest

Town Hall; Fire Dept; Garage/Supplies	217 Main St
Library	224 S Main
Lift Station	Hwy 175 West
Well House	West End 2nd St
Water Tower	
City Park/Playground/Shelter House	
Recreation area & Related	

Valuation of City Assets

Building	\$	2,518,371
Personal Property	\$	199,788
Fine Arts	\$	4,120
Misc Property Unsched	\$	<u>200,452</u>
Total TIV	\$	2,922,731
APD TIV	\$	607,500
Grand Total TIV	\$	<u>3,530,231</u>

b. Participation

SIMPCO facilitated a mitigation planning meeting via phone conference with City Clerk Paul Arbergast on February 17, 2025. A signed Voluntary Participation Agreement is on file, dated 02/14/2025. Additional input was collected via survey with two respondents indicating Arthur as jurisdiction of residence.

c. Community Capabilities

<i>Policies/Ordinance - updated 2017</i>	
<ul style="list-style-type: none">• Building Code• Floodplain Ordinance• Nuisance Ordinance• Subdivision Ordinance• Tree Ordinance	
<i>Programs</i>	
National Flood Insurance Program (NFIP) Participant	Yes, CID #190696
ISO Fire Rating	Arthur - Class 8
Tree Trimming Program	Trim as needed
Mutual Aid Agreements	IMAC (in addition to county & planning region agreements)
<i>Staff/Department</i>	
NFIP Floodplain Administrator	City Mayor
<i>Local Funding Availability</i>	
Apply for Community Development Block Grants	
Authority to levy taxes for a specific purpose	
Fees for water, sewer, gas, or electric services	
Ability to incur debt through	<ul style="list-style-type: none">• general obligation bonds• special tax bonds

Review of Actions Taken (Since 2019)

Arthur added a mobile generator to enable continuation of operations of waterworks during power outages. The city added a warning siren in 2022 at the cost of approximately \$3,000.

d. Risk Assessment

Contributing Factors

A review of the NOAA Storm Event database provides seven records specific to Arthur between 11/01/2019 and 12/31/2024.

<i>Location</i>	<i>Date</i>	<i>Time</i>	<i>Type</i>	<i>Mag</i>	<i>Dth</i>	<i>Inj</i>	<i>PrD</i>	<i>CrD</i>
ARTHUR	6/5/2020	1:02	Hail	1.00 in.	0	0	0.00K	0.00K
ARTHUR	8/10/2020	8:29	Thunderstorm Wind	56 kts. EG	0	0	1.00K	50.00K
ARTHUR	8/30/2021	21:02	Hail	1.75 in.	0	0	0.00K	0.00K
ARTHUR	8/30/2021	21:06	Hail	1.75 in.	0	0	0.00K	33.00K
ARTHUR	4/19/2023	18:52	Hail	1.00 in.	0	0	0.00K	0.00K
ARTHUR	6/16/2024	0:10	Thunderstorm Wind	65 kts. EG	0	0	0.00K	0.00K
ARTHUR	6/16/2024	0:10	Thunderstorm Wind	61 kts. EG	0	0	0.00K	9.00K

Arthur is met on its west and south boundaries with floodplain, including its lagoon location. Arthur Bioprocessing is located on the other side of the flood plain, though within the town's planning area. Production and storage of ethanol and anhydrous ammonia present valid concerns of potential for hazardous materials incident.

Priority Hazards

- Tornado / Windstorm
- Flood – primarily flash flooding
- Thunderstorms with Hail & Lightning

Survey respondents also indicate Severe Winter Storm and Extreme heat as priorities.

e. Mitigation Needs, Actions, & Strategies

Snow removal is a challenge for this small community, with minimal equipment and limited funds to contract out the work.

[insert project table]

2. BATTLE CREEK

a. Profile

The City of Battle Creek is located on the west border, in Ida County's southwest quadrant. It occupies about 0.50 square miles. Highway 175 is the main road that connects Battle Creek to surrounding communities and runs northeast and southwest through the city. Maple River Flows south and east of city limits meeting Battle Creek northeast of the city. More information about Battle Creek on the city's website at <https://battlecreekia.org/>.

City Governance & Community Supports

Battle Creek is governed by a five-person elected council and Mayor. Offices in addition to Mayor and council include City Clerk and Street Superintendent. The Battle Creek Volunteer Fire Department is independent from the city and staffs about 20 volunteers. There is a Battle Creek Fire Department Jr Firefighters program for teens 15 years of age and older. The city contracts with the county for law enforcement and emergency management coordination.

Demographics, Housing, & Economics

Estimates as compiled by CensusReporter.org indicate significant growth for Battle Creek with its population increasing to 882 in 2023⁵, from 700 residents in 2020. The community consists of 359 households, with a median household income of \$59,519, reflecting a moderate economic standing. Approximately 8.3% of the population lives below the poverty line, indicating some economic challenges within the community. Despite this, Battle Creek is a growing town with strong housing demand and opportunities for continued development and prosperity.

The town has a total of 418 housing units, with 334 currently occupied, reflecting steady residential use. A portion of the housing stock remains vacant, and mobile homes represent only a small share of the overall inventory. The majority of residents live in homes built since 2000, while a smaller number of homes were constructed in the 1990s or earlier. This suggests

⁵ Source: <https://censusreporter.org/profiles/16000US1904870-battle-creek-ia/>

that the town's housing market is relatively modern, with most structures being newer and offering potential for continued residential growth and stability.

Leading Employers

- Willow Dale Wellness Village
- Johnson Propane
- AgState
- Galva-Holstein School District (Holstein)
- VT Industries (Holstein)
- Gomeco (Ida Grove)
- Midwest Industries (Ida Grove)

Critical Facilities

Community Center/Library/City Hall	115 Main St
Maintenance/Ambulance Bldg; Storage Shed	408 1st St
Fire Station	Hwy 175 & Ida St
Police Station/Storage	504 1st St
Water Tower	605 7th St
Water Treatment Plant (North Wells)	502 Chestnut
Salt Shed	506 1st St
Storage Shed	403 Clara St
Treatment Plant/East Wells	100 1st St
Lift Station/Lagoon	
Warning Siren	405 1st St
Shelter	3rd & Center
Baseball Field	Hwy 175
Alumni Park	5th & Maple
Shelter House	603 5th St
Pool & Related Equip/Bldgs	Sec 26
East Park	

Community Supports, Vulnerable Populations, Gathering Locations, & Local Areas of Interest

First State Bank	502 2nd St
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Christensen-Huffman Funeral Home	608 4th St
Presbyterian Church	600 3rd Street
St. John's Lutheran Church	608 5th Avenue
Fred's Place	106 Main St
Bread Box	104 Main St
BC Bakery	119 Main St
The Inn at Battle Creek (B&B)	201 Maple St
Crawford Creek Recreation Area	Co Rd L51 (Outside city limits)
Sparky's Convenience Store	660 1st St
Nutrien Ag Solutions	701 1st St

Valuation of City Assets

Total Blanket TIV	\$ 4,555,919
Building	\$ 4,078,639
Personal Property	\$ 502,775
Misc Property Sched	\$ 302,994
Misc Property Unsched	\$ <u>232,593</u>
Total TIV	\$ <u>5,117,001</u>

b. Participation

A mitigation planning meeting, facilitated by SIMPCO and Ida County EMA Ed Sohm, was held at Battle Creek City Hall on February 5, 2025 with the following in attendance.

- Charles Pierce, Mayor
- Brian Scott, Public Works
- Jeanette Holmes, City Council
- Diane Lansink, City Clerk

In addition to the planning meeting, public input was collected by way of survey. Battle Creek was noted as jurisdiction of residence for 11 respondents.

c. Community Capabilities

<i>Policies/Ordinance</i>	
<ul style="list-style-type: none"> Floodplain Ordinance Nuisance Ordinance 	<ul style="list-style-type: none"> Tree Trimming Ordinance Zoning Ordinance
<i>Programs</i>	
National Flood Insurance Program (NFIP) Participant	CID #190432
ISO Fire Rating	Class 6/6X
Planning/Zoning Board	
<i>Staff/Department</i>	
NFIP Floodplain Administrator	City Mayor
<i>Non-Governmental Organizations</i>	
Veterans Groups	Legion Post 364
Community Organizations	Lions Club Women's Club Medical Auxiliary
<i>Local Funding Availability</i>	
Authority to levy taxes for a specific purpose	
Fees for water & sewer	
Ability to incur debt through general obligation bonds	
Ability to incur debt through special tax bonds	

The City of Battle Creek is a member of the NFIP program, though residents are known to be inactive under flood insurance. The city shares a few plans with the county such as Local/County Emergency Plan and County Recovery Plan.

Review of Actions Taken (Since 2019)

[project update table]

The city completed a tree inventory in 2024 with removal of dead/diseased trees from rights of way in progress.

d. Risk Assessment

Contributing Factors

A review of the NOAA Storm Event database revealed one report specific to Battle Creek between 11/01/2019 and 12/31/2024. It can be expected that Battle Creek suffered the effected of Zone categorized events for both Ida and Woodbury Counties as well.

<i>Location</i>	<i>Date</i>	<i>Time</i>	<i>Type</i>	<i>Mag</i>	<i>Dth</i>	<i>Inj</i>	<i>PrD</i>	<i>CrD</i>
BATTLE CREEK	12/15/2021	16:42	Tornado	EF1	0	0	200.00K	0.00K

Priority Hazards

Planning committee discussion and survey response were aligned in determining the following as priority hazards.

- Tornado/Windstorm
- Severe Winter Storm
- Thunderstorm with Hail & Lightning

The committee further discussed severe implications locally from infrastructure failure including roadways, public works/waterworks, and railroad tunnels (coal concerns).

e. Mitigation Needs, Actions, & Strategies

[insert project table]

3. GALVA

a. Profile

The City of Galva is situated on the northeastern-most border of Ida County and occupies 0.71 square miles. The City lies about two miles north of highway 20, which is the main road that connects to neighboring communities and runs east/west.

City Governance & Community Supports

Galva is governed by a five-person elected Council and the Mayor. Offices in addition to Mayor and Council include City Clerk/Treasurer, Fire Chief, Maintenance Supervisor, and City Attorney. The Galva Volunteer Fire Department is independent from the City and staffs about more than 20 volunteers. The city contracts with the county for law enforcement and emergency management coordination.

The City of Galva is a member of the NFIP program, though residents are known to be inactive under flood insurance. The city is covered by plans from the county such as Local/County Emergency Plan and County Recovery Plan. Local and area plans as applicable to Galva are itemized under Community Capabilities.

Demographics, Housing, & Economics

In 2023, the town of Galva had an estimated population⁶ of 432, showing a slight decline from 435 residents in 2020. The community includes 142 households and reports a median household income of \$70,714, which is relatively strong. However, despite the higher income level, about 20.6% of residents live below the poverty line, indicating a significant level of economic disparity.

Galva has a total of 168 housing units, with 143 currently occupied and 25 vacant. The town includes a small number of mobile homes, totaling five units. Most residents have moved into their homes since the year 2000, while a smaller number settled in during the 1990s or earlier, showing a blend of newer and more established households in the community.

Leading Employers

While not hosting a large number of employees, the following businesses, and those as listed under Community Supports, operate and have established a necessary presence in Galva.

Quad County Corn Processors	300 E Third St
Rod's Fertilizer	117 Main St

⁶ Source: <https://censusreporter.org/profiles/16000US1929595-galva-ia/>

Galva-Holstein School District	519 E Maple St, Holstein
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Critical Facilities

City Hall	116 S Main
City Park/Shelter & Equipment	300 Crawford St
Water Pump House #1	107 N Main
Wastewater Plant	
Lift Station	120 N Main
Water Tower	Noll St
Library	203 S Main

Community Supports, Vulnerable Populations, Gathering Locations, & Local Areas of Interest

US Post Office	2nd and Main
Galva-Holstein 3rd-5th Grade School	207 Noll St.
Galva Economic Development Corporation	1681 Market Ave
United Bank of Iowa	102 Main St
St. John's Lutheran Church	406 Monona St
Legion Hall	

Valuation of City Assets

A current valuation of assets has not been made available. The city will include a valuation as part of cost–benefit analysis should they pursue funding through a mitigation program. It is understood that such assessment will be specific to a given project and may not represent protections or sustainability improvements to the community as a whole.

b. Participation

Facilitated by SIMPCO, a virtual meeting via Teams was conducted on December 12, 2024 at 11AM with Vanessa Harder, City Clerk in attendance. While 28 respondents of the survey were from Ida County, none indicated Galva as residence. Concerns noted as contributing factors

c. Community Capabilities

<i>Policies/Ordinance</i>	
• Building Code	• Subdivision Ordinance
• Floodplain Ordinance	• Tree Trimming Ordinance
• Nuisance Ordinance	• Zoning Ordinance
<i>Programs</i>	
Planning/Zoning Boards	
Zoning/Land Use Restrictions	
National Flood Insurance Program (NFIP) Participant	CID #190424
ISO Fire Rating (served by independent fire dept)	Galva - Class 6; Galva TS FPSA 1 & 2 Class 9/10
Mutual Aid Agreements	IMAC (in addition to County-wide & Regional agreements)
<i>Staff/Department</i>	
NFIP Floodplain Administrator	role assumed by the City Mayor
<i>Non-Government Organizations</i>	
Galva Economic Development Corp	
Galva City Committee	
<i>Local Funding Availability</i>	
Authority to levy taxes for a specific purpose	
Fees for water, sewer, gas, or electric services	
Ability to incur debt through general obligation bonds	
Ability to incur debt through special tax bonds	
Ability to withhold spending in hazard prone areas	

Review of Actions Taken (Since 2019)

Galva had several projects identified in the 2020 Regional Plan. Following is an update to each project as included.

[insert updates to projects table]

In addition to planned and anticipated projects, the city initiated some actions to address tree population changes as affected by the Ash Borer Beetle. The city implemented an urban tree maintenance plan for city properties in 2024 that includes a fee collection beginning 1/1/2025.

This program enables monitoring and removal of dead/diseased trees and replacement of trees in parks and other public greenspaces. As a nuisance prevention measure, trees will not be replaced in parking.

d. Risk Assessment

Contributing Factors

Record of storm events as tracked in the NOAA database (11/01/2019 – 12/31/2024) include the following incidents directly affecting Galva. In addition to these occurrences, those indicated in the county profile under Ida (Zone) generally affect all communities within the county. Such events include but are not limited to various winter weather conditions, drought, and high winds. Details on these and other storm events as recorded can be accessed online at <https://www.ncdc.noaa.gov/stormevents/>.

<i>Location</i>	<i>Date</i>	<i>Time</i>	<i>Type</i>	<i>Mag</i>	<i>Dth</i>	<i>Inj</i>	<i>PrD</i>	<i>CrD</i>
GALVA	5/2/2021	19:37	Hail	0.88 in.	0	0	0.00K	2.00K
GALVA	12/15/2021	16:58	Tornado	EFO	0	0	75.00K	0.00K
GALVA	4/23/2022	5:10	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
GALVA	5/30/2022	5:40	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K
GALVA	5/30/2022	5:40	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K
GALVA	5/30/2022	5:42	Thunderstorm Wind	61 kts. EG	0	0	0.00K	0.00K

Community condition and features affect Galva’s resiliency during natural disasters and other events. While not necessarily a mitigation project, roadway maintenance does directly affect function of and access to/from city operations. As indicated under the County profile, road maintenance is a considerable ongoing expense exacerbated by extreme weather events. Within and extending from Galva city limits, the county completed a seal coating project on M25/Main Street, completing scheduled segments on an annual basis. Galva’s 6th Street is undergoing stage 3 of a curb gutter improvements project.

Other local improvements since 2019 include a new wastewater plant that better serves the needs of the community. These investments contribute to operational function as a city. Mitigation projects are intended to protect these and future investments.

Priority Hazards

Galva's priority natural disaster concerns are consistent with those identified in the 2020 HMP as well as the record of recent events.

- Thunderstorms w/Hail & Lightning
- Tornado/Windstorm
- Severe Winter Storm

e. Mitigation Needs, Actions, & Strategies

[Insert new projects table]

4. HOLSTEIN

a. Profile

The city of Holstein lies north of center in Ida County, and occupies 1.58 square miles. The City of Holstein remains the second most largest city in Ida County regarding population size and spatial area. US Highways 20 and 59 intersect at the southern portion of the city with US-59 traversing north/south through the center of town.

City Governance & Community Supports

Holstein is governed by a five-person elected council and the Mayor. Offices in addition to Mayor and Council include Deputy Clerk, City Administrator, Public Works, water superintendent, and Chamber of Commerce. The Holstein Fire and Ambulance departments are combined. Two positions lead the Ambulance and Fire Department including the Fire Chief and Ambulance Coordinator. The Department averages about 27 volunteer firefighters. In collaboration with school district trades and career readiness programs, the department may at any time include juniors and/or cadets. Volunteer positions in general include Emergency Medical Technicians (EMT), Emergency Medical Technicians Advanced (EMTA), and Paramedics.

Governing ordinances, documents, policies, and programs are included in the Community Capabilities portion of this profile.

Demographics, Housing, & Economics

In 2023, the city of Holstein had an estimated population⁷ of 1,552, reflecting modest growth from 1,501 residents in 2020. The community is made up of 646 households and has a median household income of \$61,625. Despite a relatively stable economic profile, about 14.7% of residents live below the poverty line, indicating that some households still face financial challenges.

Holstein has a total of 686 housing units, with 644 currently occupied and 41 vacant. The housing stock includes a small number of mobile homes, with seven in total. Most residents have moved into their homes since 2000, while others have been in their homes since the 1990s or earlier. This mix of newer and longer-term residents reflects a stable and evolving community.

Leading Employers

The following businesses, in addition to those as included in Community Supports listing, operate and/or have established a necessary presence in Holstein.

- V.T. Industries
- Galva Holstein Community School
- First Cooperative
- Good Samaritan Center

Critical Facilities

City Hall; Warning Siren	119 S Main St
Lohff-Schumann Memorial Community Center	301 Lohff-Schumann Dr
Maintenance Office	420 N Main St
Stubbs Memorial Library	207 E 2nd St,
Sports Complex & Related	

⁷ Source: <https://censusreporter.org/profiles/16000US1936840-holstein-ia/>

City Park	
Park/Bathhouse & Related	621 S Kiel St
Water Treatment	109 S Kiel St
Wells and Related	
Sand & Equip Storage	
Wells; Control Bldgs	Hwy 20
Water Tower	E Railroad St
Lift Station	302 N Main St
Sewage Lift Station	E 2nd St
Lagoon Lift & Related monitoring equip	German Ave
East Lift Station	11 N Lubeck

Community Supports, Vulnerable Populations, Gathering Locations, & Local Areas of Interest

US Post Office	121 E 2nd St
Ida County Economic Development	101 N Main St
Ridge View High School	519 East Maple St
Galva – Holstein Elementary School	
Little Raptors Daycare and School	
Good Samaritan Society	505 W. 2nd St
Holstein Senior Living (Assisted & Independent)	1500 S Kiel St
AmVets Legion Hall	
Masonic Hall	118 N Main St
Veterans Memorial Hall	121 N Main St
Douglas School (@ Douglas County School Grounds)	135 Union Ave (north & west outside city limits)
Holstein Golf Course	400 Kofmehl Dr
Holstein Country Club	
Holstein Supermarket	109 E 1st St
United Bank of Iowa	116 N Kiel St
St. Paul Lutheran Church	310 E Second St
CrossRidge Evangelical Free Church	Lohff-Schumann Dr
United Methodist Church	208 S Kiel St

Valuation of City Assets

In addition to project updates, the city has invested in several downtown renovations, supporting local property owners through Iowa EDA's Community Catalyst program. Providing in-kind waivers for permits and technical support through architectural plans, Holstein is providing a pathway to improvements, investing not only in public infrastructure but also facilitating private investment.

Based on the city's property schedule statement of value, the city's valuation of assets is **\$9,283,300**. This total includes but is not limited to property, facilities, building contents, vehicles, and machinery. This calculation provides a base value for cost-benefit analysis for mitigation projects likely to impact the whole city. This does not represent private properties/assets. A more in-depth review of affected properties will be conducted specific to projects that may qualify for pre-disaster or mitigation funding.

b. Participation

In an-person planning meeting was conducted at Holstein City Hall on August 6, 2024. The meeting was facilitated by SIMPCO with Tammy Nuckolls, City Administrator in attendance. Of the 28 Ida County responses to the survey, none indicated Holstein as residence.

c. Community Capabilities

<i>Plans/Guidance Documents</i>	
<ul style="list-style-type: none">• Comprehensive Plan• Capital Improvement Plan• Land Use Plan	
<i>Policies/Ordinance - recodification in progress (@ time of planning meeting)</i>	
<ul style="list-style-type: none">• Nuisance Ordinance• Subdivision Ordinance• Tree Trimming Ordinance• Zoning Ordinance	
<i>Programs</i>	
Zoning/Land Use Restrictions	
ISO Fire Rating	Class 6
Planning/Zoning Boards	
Tree Trimming Program	
Mutual Aid Agreements	IMAC (in addition to County-wide & Regional agreements)

<i>Staff/Department</i>	
Engineer – contracted (ISG)	
Public Works Official	
Emergency Response Team	Fire and Ambulance Department
<i>Non-Governmental Organizations</i>	
American Legion/AmVets	
Community Organizations	<ul style="list-style-type: none"> • Holstein Betterment Alliance • Holstein Chamber of Commerce • Holstein Development Authority
<i>Local Funding Availability</i>	
Ability to apply for Community Development Block Grants	
Authority to levy taxes for a specific purpose	
Fees for water, sewer, gas, or electric services	
Ability to incur debt through	• general obligation bonds
	• special tax bonds
	• private activities

Review of Actions Taken (Since 2019)

[insert update to 2020 projects table here]

d. Risk Assessment

Contributing Factors

Holstein is working on updating its Local Emergency Operations Plan and establishing a chain of command to be implemented in the event of a disaster. Also under consideration is the designation of a warming/storm shelter to reduce risk of exposure to residents during extreme weather events, especially during power outages. Another factor in assessing the community's capacity to prepare for and withstand disaster is the inclusion of monitoring cameras at the city pool, providing an extra level of security should an incident take place. The city has a local newsletter accessible by all residents which is often used to communicate public service information including but not limited to disaster preparedness and promotion of subscribing to emergency notification services (such as Alert Iowa).

A review of the NOAA Storm Event database provided two incident reports specific to Holstein between 11/01/2019 and 12/31/2024 as shown in the following table. Additional detail can be found at the online NOAA website at <https://www.ncdc.noaa.gov/stormevents/> or by clicking the embedded link in the table.

<i>Location</i>	<i>Date</i>	<i>Time</i>	<i>Type</i>	<i>Mag</i>	<i>Dth</i>	<i>Inj</i>	<i>PrD</i>	<i>CrD</i>
HOLSTEIN	5/12/2022	18:40	Thunderstorm Wind	70 kts. EG	0	0	0.00K	0.00K
HOLSTEIN	6/23/2024	4:00	Flood		0	0	0.00K	0.00K

Notably, 85 Ida County *Zone* events as recorded are also considered for reference (see Ida County profile for details).

Priority Hazards

Consistent with recorded storm events, Holstein has identified the following as priority hazards.

- Tornado/Windstorm
- Severe Winter Storm
- Thunderstorm w/Hail & Lightning

Flash flooding as prevalent during heavy rain events is a matter of some concern. However, such events have not resulted in disruption of services within the community nor have they incurred notable damages. It is important to note that Holstein’s proximity to the US 20 corridor brings additional consideration of transportation and hazardous materials incidents. Local amenities are impacted during extreme weather events with potential influx of visitors who may otherwise just be passing through.

e. Mitigation Needs, Actions, & Strategies

Following are Holstein’s strategies to reduce the impacts of natural disasters and other hazards.

[insert new projects table here]

5. IDA GROVE

a. Profile

The City of Ida Grove is situated slightly south and center of Ida County, and occupies 2.2 square miles. Highway 175 and Highway 59 travel east and west through the northern part of Ida Grove. Maple River runs through the east and north borders of the Ida Grove. Currently the Chicago and Northwestern Railroad travels through the center of the city, carrying product for commerce.

City Governance & Community Supports

Ida Grove is governed by a six-person elected council including the Mayor. City staff and supports include:

- City Clerk
- Deputy Clerk
- Administrative Assistant
- Library Director
- Librarian & Library Assistant
- Parks Superintendent
- Recreation Center Director
- Wastewater Superintendent
- City Crew & Foreman
- City Attorney

Ida Grove also has a Planning and Zoning Commission, Board of Adjustment, Tree Board, and several standing committees. The Ida Grove Volunteer Fire Department consists of about 25 firefighters. Ida Grove Fire Department is funded by a combination of township fire fees, city funding, and donations. The city takes part in the enhanced 911 system through the Ida County Communications Center.

The Ida Grove Ambulance service is voluntary averaging 19 crewmembers. The facility is staffed 24 hours a day, seven days a week. Ida Grove Ambulance Service response to emergencies in Ida Grove and surrounding areas. The department also provides emergent transfers from the local hospital to higher levels of care. The City of Ida Grove is a member of the NFIP program, though residents are known to be inactive under flood insurance. A Comprehensive Plan and CIP were reviewed in 2019 (estimated).

Demographics, Housing, & Economics

In 2023, Ida Grove's estimated population⁸ decreased from 2,051 residents in 2020 to 1,904. The city is home to 901 households and has a median household income of \$63,194. With a poverty rate of 8.4%, a relatively small portion of the population lives below the poverty line, suggesting a generally stable economic environment for most residents.

Ida Grove has 1,094 housing units in total, with 897 of them occupied and 197 vacant. The town has a small portion of mobile homes within its housing stock. A large majority of residents have moved into their homes since 2000, while a smaller number have settled in during the 1990s or before, reflecting a blend of newer and older residences across the community.

Leading Employers

The following businesses operate and have established a necessary presence in Ida Grove.

- Gomaco
- Midwest Industries
- Horn Memorial Hospital
- Odebolt Arthur-Battle Creek Ida Grove Community School District
- UBI

Critical Facilities

City Hall	403 Main St
Fire Station	409 1 st St
Library & Related, etc.	103 E 2 nd St
Water Tower; Water Dept Related	100½ 7th St
Lift Station	88½ E Hwy 175
Lift Station	E Hwy 175
Lift Station	800 Walnut St
Maintenance Bldg (Streets)	1200 1 st St

⁸ Source: <https://censusreporter.org/profiles/16000US1938010-ida-grove-ia/>

Wastewater Treatment Plant & Related Sewer Works	
Treatment Plant & Related; Wells	2375 Keystone Ave
Badger Creek Lift Station	206 Rohwer St
Zobels Lift Station	811 S Main
Moorehead Lift Station	100 Moorehead Ave
Hilcrest Lift Station	465½ Pin Oak
Oak Grove Lift Station	200½ Susan Lawrence
Pump House	403 Iowa St
Various Parks, Walking Trail & Related	
Baseball Facility & Related	901 John Montgomery Drive
City Park & Related	207 Washington St
Parks Dept, Misc	10 Washington St
Swimming Pool & Related Bldgs/Equip	101 E 2 nd St
Pool & Related Bldgs, Equip	101 Barnes St
Municipal Airport	Office & related Bldgs
Rec Center/Indoor Pool	311 Barnes St
Castle Battlement	US 59 & Harold Godberson Dr
Zobels Park	Main St & Badger Creek Dr

Community Supports, Vulnerable Populations, Gathering Locations, & Local Areas of Interest

OABCIG Elementary School	Ida Bowl
OABCIG High School	Ida Grove Golf and Country Club
Cobb Memorial Park	Ida Grove Skate Palace
Dewey's Bar & Grill	King Theatre
The Farmacy	Moorehead House Museum
Food Pride	Moorehead Park
Gathering Place (Event Venue)	Taco Island
Golden Horizons	Zimmy's Bar & Grill
Horn Memorial Hospital	

Valuation of City Assets

Using Ida grove's ICAP policy effective through 2025, the city's base property valuation is **\$26,187,926**. This dollar amount sets estimated foundation for cost-benefit analysis for projects

that mitigate a given disaster or other hazard that may affect the community as a whole. Complete reconstruction of City Hall was completed within the last few years removing accessibility barriers and addressing structural concerns. The new structure increases the city's base valuation and provides an additional safe space in the event of disasters or other emergency conditions.

Road infrastructure including but not limited to overlay and bridges, is not included in the valuation, nor is any private property or county facilities. A specified valuation of properties, facilities, and infrastructure within an given area of potential effect will be included in cost-benefit analysis for all projects submitted for funding requests.

b. Participation

An in-person planning meeting was held in Ida Grove on October 7, 2024. SIMPCO facilitated the meeting with the following city staff in attendance.

- Heather Sweeden, City Clerk
- Kelly Young, Deputy City Clerk
- Gerrod Shultz, Crew Foreman

Of 28 surveys collected for Ida County, 15 indicated Ida Grove as respondent's residence. Compiled results regarding concerns related to natural disasters and other hazards are included for discussion under the community Risk Assessment section of this profile.

c. Community Capabilities

In addition to County, Region, and State supports, the city has the following resources in place.

<i>Plans/Guidance Documents</i>	
Comprehensive Plan	
Capital Improvement Plan	
<i>Policies/Ordinance</i>	
• Building Code	• Subdivision Ordinance
• Ditch Maintenance (including restrictions)	• Tree Trimming Ordinance

<ul style="list-style-type: none">Floodplain OrdinanceNuisance Ordinance		<ul style="list-style-type: none">Zoning Ordinance
<i>Programs</i>		
Zoning/Land Use Restrictions		
National Flood Insurance Program (NFIP) Participant	CID #190156	
ISO Fire Rating	Ida Grove FD – Class 4/4Y	
Planning/Zoning Boards		
Tree Trimming Program		
Mutual Aid Agreements	Fire; IMAC (in addition to County and Region agreements)	
<i>Staff/Department</i>		
Emergency Response Team	Fire and Ambulance Department	
<i>Non-Governmental Organizations</i>		
Veterans Groups		
Chamber of Commerce		
Ida Grove Economic Development		
Ida County Economic Development		
Community Organizations	<ul style="list-style-type: none">KiwanisIda Grove Community FoundationIda Grove Community Partners	
<i>Local Funding Availability</i>		
Ability to apply for Community Development Block Grants		
Ability to fund projects through Capital Improvements funding		
Authority to levy taxes for a specific purpose		
Fees for water & sewer services		
Ability to incur debt through general obligation bonds		

Several actions are discussed by heading throughout this profile. Ida Grove is implementing several other strategies that reduce the risk to property and lives of its residents and visitors in the event of natural disasters. Among planned actions are:

- tightening of enforcement on abandoned and dilapidated buildings, including adoption of building code and property maintenance standards (SUDAS, IBC, IPMC) by reference,
- maintaining city code updates annually to address changes at the state level

- continue efforts to maintain dead and diseased trees with 300 trees scheduled for removal in city right-of-way (funding needed)
- replacement of trees in parks and public greenspace at the rate of about 20 per year over 5 years (grant received)

Review of Actions Taken (Since 2019)

The following table provides updates to projects as identified in 2020. Other efforts to improve disaster preparedness includes some work toward hydrant assessments and replacement to optimize functionality and capacity.

[insert 2020 updates table]

Several other projects are in the works for the Ida Grove community, including but not limited to the following.

- Water Improvement Project. Started in 2021, 3 phases as follows:
 1. Meter replacement (whole town) and AMI reader on the water tower
 2. Water tower sandblast and paint – interior and exterior; Added mixer
 3. Drilled a new well (#9), added generator at well site north of town, updated chlorination system.

Project total about \$2.4 million (SRF loan)

- Sewer Improvement Project. Final plans approved by council with intent to bid early 2025 upon receipt of state approvals. Whole plant replacement using existing facility/building.
 - Currently an RBC plant and going to aero mod plant
 - Currently haul sludge, will be going to a press dry system (cakes)
 - Current layout will all be moved/repurposed, updated lighting, electrical, enclosure of portion of building, etc.

- Estimated cost is about \$11 million (USDA loan)
- Iowa/Washington Street: I attached some documentation of that. Stormwater runoff issue for years. Floods basement of a couple homeowners. (LOST funding)

d. Risk Assessment

Contributing Factors

Among its efforts to reduce risk and effects of natural disasters and other hazards, Ida Grove is taking steps to address abandoned and dilapidated buildings. The city also worked with Iowa DNR to complete a tree assessment.

Ida Grove woman hit by train

Published by admin on Mon, 10/03/2022 - 10:50pm



A frightening accident occurred in Ida Grove last Monday evening when a train collided with a pedestrian at the railway crossing of Washington Street.

A railway worker reported that a woman was walking across the tracks while the train was coming. The conductor pulled the emergency brake, but the train was going too fast to stop in

time.

The woman was hit and dragged several feet. The railway worker relayed that while she was injured, the woman was still conscious after the crash. Emergency crews transported her to the hospital.

<https://www.idacountycourier.com/content/ida-grove-woman-hit-train> Ida Grove woman hit by train.

Published by admin on Mon, 10/03/2022 - 10:50pm (June 10, 2025)

Survey respondents indicate mixed messages on mitigation efforts and impacts of hazardous weather and other events. Several comments relate to drainage issues/concerns which reflect a noted priority for Flash Flooding. Several responses indicate an understanding of the high expense of infrastructure maintenance while still noting insufficient functionality of same.

Ability to operate small business during extreme incidents and assuring access to medical services are clear priorities. There is an assumption that certain areas are better maintained than others. For this reason, a transparent schedule of maintenance is recommended within city planning efforts.

Storm events as recorded through the NOAA database include 17 measured incidents specific to Ida Grove and the Ida Grove Airport. Those occurrences are in addition to the 85 recorded events for the Ida “Zone” impacting the county as a whole.

<i>Location</i>	<i>Date</i>	<i>Time</i>	<i>Type</i>	<i>Mag</i>	<i>Dth</i>	<i>Inj</i>	<i>PrD</i>	<i>CrD</i>
IDA GROVE	6/5/2020	0:53	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:57	Hail	1.75 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:59	Hail	2.50 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	0:59	Hail	1.50 in.	0	0	0.00K	0.00K
IDA GROVE	6/5/2020	1:06	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	8/10/2020	8:20	Thunderstorm Wind	61 kts. EG	0	0	1.00K	0.00K
IDA GROVE	6/16/2021	20:34	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
IDA GROVE	6/16/2021	20:52	Hail	0.75 in.	0	0	0.00K	233.00K
IDA GROVE	6/16/2021	21:00	Hail	1.25 in.	0	0	0.00K	0.00K
IDA GROVE	6/16/2021	21:02	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE MUNI ARPT	8/30/2021	20:54	Hail	0.75 in.	0	0	0.00K	0.00K
IDA GROVE	4/12/2022	16:57	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	4/12/2022	16:57	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE MUNI ARPT	4/12/2022	19:02	Thunderstorm Wind	52 kts. EG	0	0	0.00K	0.00K
IDA GROVE MUNI ARPT	5/19/2022	22:49	Hail	1.00 in.	0	0	0.00K	0.00K
IDA GROVE	5/30/2022	5:33	Thunderstorm Wind	65 kts. EG	0	0	0.00K	0.00K

Priority Hazards

Maintained from the 2020 HMP, the city finds the following to be priority hazards.

- Tornado/Windstorm
- Severe Winter Storm
- Thunderstorm w/Hail & Lightning

Survey respondents noted “very concerned” at the highest rate consistent with the city’s identified priority hazards. In the section requiring selection of top three concerns, Flash Flooding exceeded Thunderstorms w/ Hail & Lightning. Of the 19 categorized natural disasters and other hazards, 10 or more resident respondents indicated at least some level of concern for all but six, with the highest frequency noted for Infrastructure Failure (14 of 15). Top three as determined by survey respondents is consistent in Ida Grove and the county overall showing #1 – Tornado/Windstorm, #2 – Severe Winter Weather, and #3 – Flash Flooding.

e. Mitigation Needs, Actions, & Strategies

Projects developed or needed to address Ida Grove’s mitigation needs are provided in the following table.

[insert new projects table]