Cicero

Hazard Mitigation Plan Point of Contact

Primary Point of Contact	Alternate Point of Contact
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Jurisdiction Profile

The following is a summary of key information about the jurisdiction and its history:

Date of Incorporation: 1867

Current Population: The 2020 U.S. Census population was 85,268. The 2022 U.S. Census estimate indicated the population was 81,919.

Population Growth: The overall population has increased .39 percent between 2018 and 2022.

Location and Description: The Town of Cicero has a total area of 5.86 square miles (15.2 km²), all land. It is bordered by Chicago on the East side and half of the North side border. Oak Park borders the other half of the North side of Town. Berwyn borders on the West side of Town. On the South side of the Town border is Stickney. Cicero is a factory town. As of 1999, about a quarter of the city contained one of the greatest industrial concentrations in the world; there were more than 150 factories in 1.75 miles, producing communications and electronic equipment.

Brief History: The Town of Cicero is one of the oldest and largest municipalities in the State of Illinois. It bears the name of the great Roman statesman of the First Century B.C., Marcus Tullius Cicero. Among the townships created by the County Board in 1849 was a 36 square mile tract bounded by what are today Western, North and Harlem Avenues and Pershing Road. On June 23, 1857, 14 electors met to organize a local government for the district, which they named "The Town of Cicero." Railroads, immigration and the Civil War contributed to economic growth in the new township, which by 1867 numbered 3,000 residents. In that year the state legislature incorporated the Town of Cicero as a municipality with a special charter, which was revised in 1869. Township and municipal functions have subsequently been discharged by a single board of elected officials. Cicero is composed of eight neighborhoods, with their own district names and characteristics. Two neighborhoods were named for businesses-Grant Works after an 1890 locomotive factory and Hawthorne for an 1850s quarry, the first Cicero industry. Two neighborhoods bear the family names of local landowners, Warren Park and Drezel, while two more were christened by prominent residents, Clyde, recalling a river in Scotland and Morton Park honoring Julius Sterling Morton, a Nebraskan who served as Agriculture Secretary to President Cleveland. Morton also gave his name

to the local high school and college, yet he never lived in the town. Boulevard Manor derives its name from Austin Boulevard.

Climate: Cicero lies midway between the Continental Divide and the Atlantic Ocean, and is 900 miles north of the Gulf of Mexico. Cicero's climate is typically continental with cold winters, warm summers, and frequent short fluctuations in temperature, humidity, cloudiness, and wind direction. Many consider the more moderate temperatures of spring and fall to be the most pleasant. Lake Michigan provides a moderating influence on temperature while boosting the amount of snowfall received in the town.

Governing Body Format: The Town of Cicero is governed by a Town President, Town Clerk, Town Collector, Town Supervisor, Town Assessor, and four Town Trustees. This body of Government will assume the responsibility for the adoption and implementation of this plan. The town consists of 20 departments, including a Building Department, EMS Division, Fire Department, Health Department, Public Works Department, Police Department, and Water Department, which report to the Town President and Board of Trustees.

Development Trends: The Town of Cicero is currently under a great economic growth period. Business has increased in Town, including both small and large businesses. Many of the new businesses include Walmart, Menards, Wirtz Beverage of Illinois, and Cloverhill Bakery. The Town of Cicero does not predict a down-turn at this time and adopted a Comprehensive Plan in 2017. Additionally, in 2019, Bridge Development Partners announced its arrival to Cicero. The company announced the acquisition of the former GE Hot Point site at 16th Street and 54th Avenue in March with the plans to build a 320,000 square-foot facility for industrial-related needs. Included in the project is a \$20 million investment, resulting in an increase in property tax revenue for the town from \$41,000 currently as a vacant lot to nearly \$200,000 after investments. The new center will create both temporary construction jobs and permanent jobs once the warehouse is ready to be leased to a tenant. Bridge Development joins dozens of national companies that have decided to relocate or to expand in the Town of Cicero, strengthening the tax base for residents and the community.

Changes in Community Priorities: The Town of Cicero is adopting new Green Infrastructure Ordinance for alley improvements. Additionally, new usage of "green" fire suppression response equipment, relative to water conservation.

Capability Assessment

The assessment of the jurisdiction's legal and regulatory capabilities is presented in the *Legal and Regulatory Capability Table* below. The assessment of the jurisdiction's fiscal capabilities is presented in the *Fiscal Capability Table* below. The assessment of the jurisdiction's administrative and technical capabilities is presented in *Administrative and Technical Capability Table* below. Information on the community's National Flood Insurance Program (NFIP) compliance is presented in the *National Flood Insurance Program Compliance Table* below. Classifications under various community mitigation programs are presented in the *Community Classifications Table* below.

TABLE: LEGAL AND REGULATORY CAPABILITY					
	Local Authority	State or Federal Prohibitions	Other Jurisdictional Authority	State Mandated	Comments

Codes, Ordinance	s & Requirem	ents			
Building Code	Yes	No	No	Yes	2009 International Building Codes With Amendments. Adopted 12/11/2012
Zonings	Yes	No	No	Yes	Code of Ordinances, Part II, Appendix A. Updated 1/9/2024
Subdivisions	Yes	No	Yes	Yes	Code of Ordinances, Part II, Chapter 86. Adopted 1958, updated 4/25/1989
Stormwater Management	Yes	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. Code of Ordinances, Part II, Chapter 38 Article IV. Adopted 5/24/2011
Post Disaster Recovery	Yes	No	No	No	Code of Ordinances, Part II, Chapter 34, Article II
Real Estate Disclosure	No	No	No	No	(765 ILCS 77/) Residential Real Property Disclosure Act.
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	Code of Ordinances, Part II,

					Chapter 44,
					Article II.
					Adopted
					6/27/2000
Public Health					Cook County
	No	No	Yes	Yes	Board of
and Safety					Health.
					Code of
					Ordinances,
					Part II,
Environmental	Yes	No	No	No	Chapter 38,
Protection					Article VI.
					Adopted
					7/13/2004
Planning Deauma	nto.				//13/2004
Planning Docume General or					
		N1.	N	Ν.	
Comprehensive	No	No	No	No	
Plan					
Is the plan equippe	ed to provide in	tegration to this m	itigation plan?	-	N/A
Floodplain or	No	No	No	No	Ordinances
Basin Plan	NO	110	NO	NO	Only
Stormwater	No	No	Yes	No	Ordinances
Plan	NO	INO	res	INO	Only
0					
Capital					
Capital Improvement	No	No	No	No	
Improvement	No	No	No	No	
				No	N/A
Improvement Plan What types of capi	tal facilities do	es the plan addres		No	N/A N/A
Improvement Plan What types of capi How often is the pl	tal facilities do	es the plan addres		No	
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Improvement Plan What types of capi How often is the pl Habitat Conservation Plan Economic Development Plan	tal facilities dou lan revised/upd Yes	es the plan addres ated? No	Yes	Yes	N/AThe Economic Development Commission is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County

Comprehensive Emergency Management Plan	No	No	Yes	Yes	Cook County EMRS
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County EMRS Preparing THIRA
Terrorism Plan	No	No	Yes	Yes	Cook County EMRS
Post-Disaster Recovery Plan	No	No	No	No	
Continuity of Operations Plan	No	No	Yes	No	Cook County EMRS
Public Health Plans	No	No	Yes	No	Cook County DPH

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	Yes
Incur Debt through Private Activity Bonds	Yes
Withhold Public Expenditures in Hazard-Prone Areas	No
State Sponsored Grant Programs	Yes
Development Impact Fees for Homebuyers or Developers	Yes
Other	

TABLE: ADMINISTRATIVE AND TECHNICAL CAPABILITY			
Staff/Personnel Resources	Available?	Department/Agency/Position	
Planners or engineers with knowledge of land development and land management practices	Yes	Planning, Engineering & Community Development Departments	
Engineers or professionals trained in building or infrastructure construction practices	Yes	Building and Engineering Departments	
Planners or engineers with an understanding of natural hazards	Yes	Engineering & Public Works	
Staff with training in benefit/cost analysis	Yes	Planning & Community Development Departments	
Surveyors	No	Outsourced	
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium	
Scientist familiar with natural hazards in local area	No	Outsourced	
Emergency manager	Yes	Fire/AH Emergency Management Agency	

Grant writers	Yes	Planning, Community Development Departments
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TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Building Department
Who is your jurisdiction's floodplain administrator? (department/position)	Town Engineer by Ordinance
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date of adoption of your flood damage prevention ordinance?	6/27/2000
When was the most recent Community Assistance Visit or Community Assistance Contact?	2023 Flood assistance provided by major response groups (DEMRS, FEMA, IEMA)
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	No
Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why)	Yes
Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed?	No
Does your jurisdiction participate in the Community Rating System (CRS)? If so, is your jurisdiction seeking to improve its CRS Classification? If not, is your jurisdiction interested in joining the CRS program?	No

Substantial Improvement Rule and the Substantial Damage Rule

The IDNR/OWR has developed a model ordinance for floodplain management, which has been adopted by most communities in Illinois. The ordinance includes the minimum requirements an NFIP participating jurisdiction must adopt and enforce, as well as additional higher regulatory requirements. The optional, higher regulatory standards include a minimum one foot of freeboard above the base flood elevation and cumulative tracking of damage repairs and improvements to establish substantial damage and substantial improvement compliance. Some jurisdictions have chosen to exceed the requirements of the model ordinance and have adopted more restrictive ordinances. This is most common in the communities in northeastern Illinois.

Existing Municipal Code:

Section 44-31 Definitions

Substantial improvement means any repair, reconstruction, or improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure either before the improvement or repair is started, or if the structure has been damaged, and is being restored, before the damage occurred. For the purposes of this definition, substantial improvement is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure regardless of the actual work performed. The term does not, however, include either any project for improvement of a structure to comply with existing state or local health, sanitary, or safety code specifications which are solely necessary to ensure safe living conditions, or any alteration of a

historic structure provided that the alteration will not preclude the structure's continued designation as a historic structure.

(Ord. No. 156-00, § 19.5-9, 6-27-2000)

Sec. 44-37. - Review of permit application.

The town engineer shall review all permit applications to determine whether proposed building sites will be reasonably safe from flooding. If a proposed building site is in a floodprone area, all new construction and substantial improvements, including the placement of manufactured homes, shall be as follows:

(1) Designed (or modified) and adequately anchored to prevent floatation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy;

(2) Constructed with materials and utility and equipment resistant to flood damage;

(3) Constructed by methods and practices that minimize flood damage; and

(4) Constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed and/or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

(Ord. No. 156-00, § 19.5-4, 6-27-2000)

Their ordinance did not include substantial damage rule provisions; future updates will consider inclusion of these rules as applicable and as appropriate

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	Unknown	Unknown
Public Protection/ISO	Yes	ISO Class 2	2024
StormReady	Unknown	Unknown	Unknown
Tree City USA	Yes	Unknown	Anticipated 2024 adoption

Opportunities to Expand and Improve Capabilities

At this time, the municipality did not include or identify any opportunities to expand and improve capabilities. Plans will be updated in the future should this change.

Plan Integration

The capability assessment describes opportunities to "link" or integrate the mitigation plan into other planning mechanisms. The process and mechanism to identify opportunities to integrate the Cook County MJ-HMP into other planning mechanisms will occur during the Annual Update Process and

be reflected in the Jurisdictional Annual Report each year. Specific plan integration opportunities will include:

- The hazards, goals, and actions of the Hazard Mitigation Plan will be considered in the next update of the jurisdiction's land use plans, zoning, and subdivision codes.
- Additional processes and mechanisms are also referenced in CFD Emergency Response Plan.

Emergency Plan Integration:

Cook County EMRS is supporting communities to develop and update their respective Emergency Operations Plans, Continuity of Operations Plan/Continuity of Government Plan, and Recovery Plan in 2024. This is an ongoing countywide initiative and is being implemented in all municipalities.

Emergency Operations Plan (EOP)

An EOP template was created for all municipalities. The 2019 Cook County MJ-HMP and the hazards in the mitigation plan have been integrated into the Situation and Assumptions section of the EOP. Within that section, the natural hazards based on the 2019 MJ-HMP were added in the Initial Analysis and Assessment and Identification of Hazards section of the EOP. The hazards in the 2019 plan and the 2024 MJ-HMP did not change apart from adding wildfires for the Forest Preserve and unincorporated areas of the County. Future updates of the EOP will take into consideration any additional new natural hazards that are added to subsequent updates to the MJ-HMP.

Continuity of Operations Plan (COOP)

The Continuity of Operations Plan (COOP) for the municipality includes a Situation section that is based on the 2019 Cook County MJ-HMP jurisdictional annex, and specifically the hazards identified in the annex. The COOP-specific risk assessment is hazard-specific and based on likelihood of occurrence and severity of impact.

Recovery Plan

The goals of the Recovery Plan were developed to align with the 2019 Cook County MJ-HMP, and specifically prioritizes the responsibility of officials under this plan to save lives, protect property, relieve human suffering, sustain survivors, repair essential facilities, restore services, and protect the environment. The plan acknowledges that hazard mitigation is an important priority and consideration during the rebuilding process.

Jurisdiction-Specific Natural Hazard Event History

The information provided below was solicited from the jurisdiction and supported by NOAA and other relevant data sources.

The *Natural Hazard Events Table* lists all past occurrences of natural hazards within the jurisdiction. Repetitive flood loss records are as follows:

- Number of FEMA-Identified Repetitive Loss Properties: 0
- Number of FEMA-Identified Severe Repetitive Loss Properties: 0
- Number of Repetitive Flood Loss/Severe Repetitive Loss Properties That Have Been Mitigated: 0

Federal Disasters Declared

Disaster Declaration Number	Date Declared	Event
DR-227	4/25/1967	Tornado
DR-351	9/4/1972	Flood
DR-373	4/26/1973	Flood
DR-509	6/18/1976	Severe Storm(s)
DR-643	6/30/1981	Severe Storm(s)
DR-776	10/7/1986	Flood
DR-798	8/21/1987	Flood
DR-997	7/9/1993	Flood
DR-1129	7/25/1996	Severe Storm(s)
DR-1188	9/17/1997	Severe Storm(s)
DR-1729	9/25/2007	Severe Storm(s)
DR-1800	10/3/2008	Severe Storm(s)
DR-1935	8/19/2010	Severe Storm(s)
DR-1960	3/17/2011	Snow
EM-3068	1/16/1979	Snow
EM-3134	1/8/1999	Snow
EM-3161	1/17/2001	Snow
EM-3230	9/7/2005	Hurricane – Katrina Evacuation
EM-3435	3/13/2020	Biological
DR-4116	5/10/2013	Flood
DR-4489	3/26/2020	Biological
DR-4728	8/15/2023	Severe Storm(s)
DR-4749	11/20/2023	Flood

State Disaster Declarations

Date Declared	Event
7/26/2010	Severe Storms, High Winds, Torrential Rain
1/31/2011	Winter Weather
4/25/2011	High Wind, Tornadoes, Torrential Rain
5/25/2011	
4/18/2013	Severe Storms, Heavy Rainfall, Flooding, Straight-line Winds
4/20/2013	
4/21/2013	
4/25/2013	
4/30/2013	
1/6/2014	Heavy Snowfall, Frigid Temperatures
7/12/2017	Thunderstorms, Heavy Rainfall, Flooding
7/14/2017	
1/29/2019	Winter Storm
2/6/2020	Severe Storms
3/12/2020 – present (reissued	COVID-19
monthly)	
2/16/2021	Winter Storms
2/1/2022	Winter Storms
8/1/2022	Monkeypox

(reissued monthly through 10/28/2022)

TABLE: NATURAL HAZARD EVENTS					
Type of Event	FEMA Disaster Number (if applicable)	Date	Preliminary Damage Assessment/ Event Narrative		
Lightning Strike (no fire)	-	8/28/2018	-		
Lightning Strike (no fire)	-	8/28/2018	-		
Wind Storm, Tornado/Hurricane Assessment	-	12/05/2017	-		
Flood Assessment	-	10/15/2017	-		
Flood Assessment	-	10/14/2017	-		
Flood Assessment	-	10/14/2017	_		
Lightning Strike (no fire)	-	8/28/2017	-		
Wind Storm, Tornado/Hurricane Assessment	-	4/8/2017	-		
Tornado	-	8/9/2016	-		
Roof Debris	-	3/5/2016	-		
Roof Debris	-	2/19/2016	-		
Wind Damage	-	2/19/2016	-		
Flooded Basement	-	8/18/2015	-		
Flooded Basement	-	8/18/2015	-		
Lightning Strike	-	8/25/2014	-		
Lightning Strike	-	8/25/2014	-		
Lightning Strike	-	8/25/2014	-		
Winter Storm	-	12/2013 - 2/2014	-		
Storm	-	8/30/2013	Building & Tree Damage		
Storm	-	6/24/2013	Building & Tree Damage		
Flood	-	8/26/2012	Flooded Buildings		
Storm	-	7/23/2012	Building & Tree Damage		
Storm	-	7/1/2012	Building & Tree Damage		
Flood	-	7/23/2011	Flooded Buildings		
Storm	-	6/21/2011	Building & Tree Damage		
Flood	-	7/24/2010	Flooded Buildings		
Flood	-	6/24/2010	Flooded Buildings		
Storm	-	6/23/2010	Building & Tree Damage		
Storm	-	6/18/2010	Building & Tree Damage		
Flood	-	6/24/2009	Flooded Buildings		
Storm	-	6/24/2009	Building & Tree Damage		
Storm	-	8/4/2008	Building & Tree Damage		
Storm	-	6/15/2008	Building & Tree Damage		
Storm	-	6/6/2008	Building & Tree Damage		
Storm	-	6/6/2008	Building & Tree Damage		
Storm	-	12/23/2007	Building & Tree Damage		

Storm	-	8/5/2007	Building & Tree Damage
Storm	-	6/14/2007	Building & Tree Damage
Flood	-	10/2/2006	Flooded Buildings
Storm	-	10/2/2006	Building & Tree Damage
Storm	-	8/2/2006	Building & Tree Damage
Storm	-	7/18/2006	Building & Tree Damage
Storm	-	7/17/2006	Building & Tree Damage
Storm	-	6/17/2006	Building & Tree Damage

Jurisdiction-Specific Hazards: Vulnerabilities and Impacts

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2024 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are **relevant** and **unique** to the municipality.

Flood: Due to the Town's old sewer system, the community experiences flooding following heavy rain events. Of concern, is the need to separate the sewer and the stormwater drainage system and prevent hazardous materials from impacting the water supply. In 2013, High standing water was reported on southbound Interstate 55 at Pulaski Road.

Earthquake: Updating building codes is needed in regards to earthquakes.

Tornado: In 2016, FAA contract observer for Midway Airport spotted a landspout tornado that formed on the lake breeze.

Severe Weather: Updating building codes is needed. In 2008, wind gusts were estimated at 65 mph. **Severe Winter Weather:** Updating building codes is needed in regards to severe winter weather.

2022: Due to a combination of aged sewer and drainage systems, along with large areas of paving over the soil, multiple areas of the Town experience flooding during heavy rains and storms. In 2022, there were numerous incidents of severe street flooding and residential basement flooding incidents.

Indicator	Number	Percent
Families in poverty	2,000	11.4%
People with disabilities	4,255	5.3%
People over 65 years	6,937	8.5%
People under 5 years	4,904	6%
People of color	75,813	93.1%
Black	3,090	3.8%
Native American	316	0.4%
Hispanic	72,389	88.9%
Difficulty with English	13,380	17.5%
Households with no car	2,387	10.5%
Mobile homes	67	0.3%

Data are from the U.S. Census Bureau, American Community Survey. See methods for more information.

The community evaluated whether vulnerability, and subsequently the potential impacts, in hazardprone areas had increased, decreased, or remained the same for each natural hazard identified in this Hazard Mitigation Plan. Climate change, infrastructure expansion, and economic shifts that can affect vulnerability were considered. For example, if planned development is in an identified hazard area or is not built to the updated building codes, it may increase the community's vulnerability to future hazards and disasters. On the other hand, if development occurred with mitigation practices in place, the vulnerability may have remained the same or decreased. Additionally, shifting demographics were taken into consideration when assessing development trends.

Jurisdiction-Specific Climate Change Vulnerability and Impacts

The table below outlines if climate change, as assessed by the local planning team, has increased or decreased the municipality's vulnerability/exposure, and thereby the potential impacts, to each natural hazard over the past five (5) years (**Current Vulnerability**), and the effect of climate change in the future probability of occurrence and impacts (**Future Vulnerability**) from each natural hazard.

Future studies are needed to better understand the impact of climate change on the community's assets.

Hazard	Vulnerability	
Current Vulnerability		
Dam and Levee Failure	Remained the Same	
Drought	Remained the Same	
Earthquake	Remained the Same	
Flood (Riverine, Urban, Shoreline)	Increased	
Severe Weather (Extreme Heat, Lightning, Hail,	Increased	
Fog, High Wings)	Increased	
Severe Winter Weather (Ice Storms, Heavy Snow,	Remained the Same	
Blizzards, Extreme Cold)		
Tornado	Remained the Same	
Wildfire (Wildfire Smoke)	Not Applicable	

Hazard	Vulnerability			
Future Vulnerability				
Dam and Levee Failure	Not Applicable			
Drought	Unknown			
Earthquake	Unknown			
Flood (Riverine, Urban, Shoreline)	Not Applicable			
Severe Weather (Extreme Heat, Lightning, Hail,	Increase			
Fog, High Wings)	Increase			
Severe Winter Weather (Ice Storms, Heavy Snow,	Increase			
Blizzards, Extreme Cold)	Increase			
Tornado	No Change is Anticipated			
Wildfire (Wildfire Smoke)	Not Applicable			

Jurisdiction-Specific Changes (or Expected Changes) in Development Trends in Hazard-Prone Areas

The table below outlines if development, as assessed by the local planning team, over the past five (5) years (**Current Vulnerability**) has increased or decreased the jurisdiction's vulnerability/exposure, and thereby the potential impacts, to these natural hazards, and the anticipated effects changes in development may have on the future probability of occurrence and impacts (**Future Vulnerability**) from these natural hazards.

Hazard	Vulnerability	
Current Vulnerability		
Dam and Levee Failure	Not Applicable	
Drought	Not Applicable	

Earthquake	Not Applicable	
Flood (Riverine, Urban, Shoreline)	Increased	
Severe Weather (Extreme Heat, Lightning, Hail,	Increased	
Fog, High Wings)		
Severe Winter Weather (Ice Storms, Heavy Snow,	Increased	
Blizzards, Extreme Cold)		
Tornado	Increased	
Wildfire (Wildfire Smoke)	Not Applicable	

Hazard	Vulnerability	
Future Vulnerability		
Dam and Levee Failure	Not Applicable	
Drought	Not Applicable	
Earthquake	Not Applicable	
Flood (Riverine, Urban, Shoreline)	Not Applicable	
Severe Weather (Extreme Heat, Lightning, Hail,	Not Applicable	
Fog, High Wings)	Νοι Αρριισαδιο	
Severe Winter Weather (Ice Storms, Heavy Snow,	Not Applicable	
Blizzards, Extreme Cold)	Not Applicable	
Tornado	Not Applicable	
Wildfire (Wildfire Smoke)	Not Applicable	

Our community anticipates that future major assets may be exposed or vulnerable to any of the natural hazards identified in this Hazard Mitigation Plan:

- New large 575,000 square-foot Amazon facility
- Cicero Business District (restaurants and shopping)
- Krop Forge 300,000 square-foot facility

Hazard Risk Ranking

The *Hazard Risk Ranking Table* below presents the ranking of the hazards of concern. Hazard area extent and location maps are included at the end of this chapter. These maps are based on the best available data at the time of the preparation of this plan, and are considered to be adequate for planning purposes.

TABLE: HA	TABLE: HAZARD RISK RANKING		
Rank	Hazard Type		
1	Flood		
2	Severe Weather		
3	Severe Winter Weather		
4	Tornado		
5	Earthquake		
6	Drought		
7	Dam Failure		

New Mitigation Actions

The following are new mitigation actions created during the 2024 update.

Mitigation Action #14: Sto	orm Water Managemen	t Facility at Kolar	Park				
Lead	Supporting	Estimated	Potential	Estimated	Hazard(s) Mitigated:		
Agency/Department	Agencies/	Cost:	Funding	Projected	Flood (Riverine, Urban,		
Organization:	Organizations:	High	Source:	Completion	Coastal/Shoreline)		
Cicero Administration	MWRD		General	Date:			
			Fund	Short-term			
			Hazard				
			Mitigation				
			Grant				
			Program				
			(HMGP)				
			ARPA				
Year Initiated		2025					
Applicable Jurisdiction		Town of Cicero					
Applicable Goal		1,2,3	1,2,3				
Applicable Objective		1,2,9					
Cost Analysis (Low, Medi	um, High)	High					
Priority and Level of Impo	ortance (Low,	High	High				
Medium, High)							
-	Benefits of the Mitigation Project (Loss Avoided		High				
or Issue Being Mitigated)		-					
		Storm Water Management Facility at Kolar Park (3600 S. 61st Avenue) to be					
Action/Implementation Plan and Project		potentially funded by MWRD partnership program and IEMA-OHS program.					
Description:		-	Project will include the construction of an underground storm water detention facility in the park softball field area.				
Actual Completion Date or Ongoing Indefinite		lacility in the p	ark sottpall field	area.			
Actual Completion Date	or Ungoing indefinite						

Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	Ν
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Mitigation Action #14: Flood Storage and Conveyance Improvements							
Lead	Supporting	Estimated	Potential	Estimated	Hazard(s) Mitigated:		
Agency/Department	Agencies/	Cost:	Funding	Projected	Flood (Riverine, Urban,		
Organization:	Organizations:	High	Source:	Completion	Coastal/Shoreline)		
Cicero Administration	MWRD, IEMA-OHS		General	Date:			
			Fund	Short-term			
			Hazard				
			Mitigation				
			Grant				
			Program				
			(HMGP)				
			ARPA				
Year Initiated		2025					
Applicable Jurisdiction		Town of Cicero					
Applicable Goal		1,2,3					
Applicable Objective		1,2					
Cost Analysis (Low, Medi	um, High)	High					
Priority and Level of Impo	Priority and Level of Importance (Low,		High				
Medium, High)							
Benefits of the Mitigation Project (Loss Avoided		High					
or Issue Being Mitigated)		1 11811					
Action/Implementation Plan and Project Description:		The project consist of a combination of flood storage and conveyance					
			improvements just north of Cermak Road along 57th CT, 57th Ave, and 56th				
		Court. Construction of 3000FT of large diameter sewer to increase conveyance					

	capacity. Project will include 5 ac-ft of storage volume before discharging to MWRD interceptor sewer. The improvement will benefit approximately 99 residential structures and 10 commercial/industrial structures and approximately 300 structures from basement flooding. Cost Estimate = \$7M
Actual Completion Date or Ongoing Indefinite	
 Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed 	Ν

Mitigation Action #16: Floo	d Storage and Conveya	ance Improveme	nts Southeast C	orner of Town				
Lead	Supporting	Estimated	Potential	Estimated	Hazard(s) Mitigated:			
Agency/Department	Agencies/	Cost:	Funding	Projected	Flood (Riverine, Urban,			
Organization:	Organizations:	High	Source:	Completion	Coastal/Shoreline)			
Cicero Administration	MWRD, IEMA-OHS		General	Date:				
			Fund	Long-term				
			Hazard					
			Mitigation					
			Grant					
			Program					
			(HMGP)					
			ARPA					
		0005						
Year Initiated		2025						
Applicable Jurisdiction		Town of Cicero						
Applicable Goal		1,2						
Applicable Objective		1,2,3						
Cost Analysis (Low, Mediu	Cost Analysis (Low, Medium, High)		High					
Priority and Level of Impor Medium, High)	tance (Low,	High						

Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High
Action/Implementation Plan and Project Description:	The project consists of the construction of a combination flood storage and sewer conveyance improvement project at the southeast corner of the Town. The project will include the construction of approximately 6000FT of large diameter sewer to increase conveyance capacity in the area of 32nd Place and 50th Court. The project will include the construction of a 10-20 ac-ft detention storage facility that will discharge to MWRD interceptor. The proposed project will provide protection for approximately 220 residential structures and 2 commercial/industrial structures from overland flooding.
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority	
Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	Ν

Mitigation Action #17: Floo	od Storage and Conveya	ance Improveme	nts Southeast C	orner of Town Part 2	2
Lead	Supporting	Estimated	Potential	Estimated	Hazard(s) Mitigated:
Agency/Department	Agencies/	Cost:	Funding	Projected	Flood (Riverine, Urban,
Organization:	Organizations:	High	Source:	Completion	Coastal/Shoreline)
Cicero Administration	MWRD, IEMA-OHS		General	Date:	
			Fund	Long-term	
			Hazard	-	
			Mitigation		
			Grant		
			Program		
			(HMGP)		
			ARPA		
Year Initiated		2025	•		

Applicable Jurisdiction	Town of Cicero
Applicable Goal	1,2
Applicable Objective	1,2,3
Cost Analysis (Low, Medium, High)	High
Priority and Level of Importance (Low, Medium, High)	High
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High
Action/Implementation Plan and Project Description:	The project consists of the construction of a combination flood storage and sewer conveyance improvement project at the southeast corner of the Town. The project will include the construction of approximately 6500FT of large diameter sewer to increase conveyance capacity in the area of 32nd Place and 50th Court. The project will include the construction of a 25-75 ac-ft detention storage facility that will discharge to MWRD interceptor. The proposed project will provide protection for approximately 220 residential structures and 140 commercial/industrial structures from overland flooding.
Actual Completion Date or Ongoing Indefinite	
 Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed 	Ν

Mitigation Action #18: Flood Storage and Conveyance Improvements North of Cermak Road						
Lead Agency/Department Organization: Cicero Administration	Supporting Agencies/ Organizations: MWRD, IEMA-OHS	Estimated Cost: High	Potential Funding Source: General Fund Hazard Mitigation	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline)	

	Grant Program (HMGP) ARPA				
Year Initiated	2025				
Applicable Jurisdiction	Town of Cicero				
Applicable Goal	1,2				
Applicable Objective	1,2,3				
Cost Analysis (Low, Medium, High)	High				
Priority and Level of Importance (Low, Medium, High)	High				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High				
Action/Implementation Plan and Project Description:	The project consists of the construction of a combination flood storage and sewer conveyance improvement project north of Cermak Road along 48th Court and 49th Avenue. The project will include the construction of approximately 5000FT of large diameter. The project will include the construction of a 5 ac-ft detention storage facility that will discharge to MWRD interceptor. The proposed project will provide protection for approximately 100 residential structures and 20 commercial/industrial structures from overland flooding.				
Actual Completion Date or Ongoing Indefinite					
 Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed 	N				

Ongoing Mitigation Actions

During the 2024 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

prevent future structural da Lead Agency/Department Organization: Town of Cicero Administration	Supporting Agencies/ Organizations:	Estimated Cost: High	Potential Funding Source: BRIC, HMGP	Estimated Projected Completion Date: Long-term (depending on funding)	Hazard(s) Mitigated: All Hazards		
Year Initiated		2014					
Applicable Jurisdiction		Town of Cicero					
Applicable Goal		3					
Applicable Objective		7,13					
Cost Analysis (Low, Medium, High)		High					
Priority and Level of Importa High)	nce (Low, Medium,	Medium					
Benefits of the Mitigation Pro	oject (Loss Avoided	High					
Action/Implementation Plan	n and Project						
Description:	-						
Actual Completion Date or (Ongoing Indefinite						
Project Status & Changes in	Priority						
Completion status legend:							
 N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed 		0					

Action C-6.2

Mitigation Action #2: Continu	Mitigation Action #2: Continue to support the countywide actions identified in this plan.							
Lead Agency/Department	Supporting	Estimated Cost:	Potential	Estimated	Hazard(s)			
Organization:	Agencies/	Low	Funding	Projected	Mitigated:			
Town of Cicero	Organizations:		Source:	Completion	All Hazards			
Administration			General Fund	Date:				
				Short- and long-				
				term				
Year Initiated		2014						
Applicable Jurisdiction		Town of Cicero						
Applicable Goal		1,2,3,4,5,6						
Applicable Objective		All						
Cost Analysis (Low, Medium)	Cost Analysis (Low, Medium, High)		Low					
Priority and Level of Importa	Priority and Level of Importance (Low, Medium,		Medium					
High)		Medium						
Benefits of the Mitigation Pro	oject (Loss Avoided	Medium						
or Issue Being Mitigated)								
Action/Implementation Plan	and Project							
Description:								
Actual Completion Date or O	ngoing Indefinite							
Project Status & Changes in	Priority							
Completion status legend:								
N = New; I = In Progress Toward Completion;		0						
O = Ongoing Indefinitely; C = Project Completed;								
R = Want Removed from Annex; X = No Action								
Taken/Delayed								

Mitigation Action #3: Actively participate in the plan maintenance strategy identified in this plan.						
Lead Agency/Department Supporting Estimated Cost: Potential Estimated Hazard(s)						
Organization:	Agencies/	Low	Funding	Projected	Mitigated:	
Organizations: Source: All Hazards						

EMRS, Town of Cicero Administration			General Fund	Completion Date: Ongoing / Long- term	
Year Initiated		2014			
Applicable Jurisdiction		Town of Cicero			
Applicable Goal		2,3			
Applicable Objective	Applicable Objective				
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importar High)	Priority and Level of Importance (Low, Medium, High)				
Benefits of the Mitigation Pro or Issue Being Mitigated)	Benefits of the Mitigation Project (Loss Avoided				
Action/Implementation Plan	and Project				
Description:					
Actual Completion Date or O	ngoing Indefinite				
Project Status & Changes in I Completion status legend:	Priority				
 N = New; I = In Progress Towar O = Ongoing Indefinitely; C = P R = Want Removed from Anney Taken/Delayed 	roject Completed;	0			

Mitigation Action #4: Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.					
Lead Agency/Department Organization: Town of Cicero Administration	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source: General Fund	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: All Hazards

Year Initiated	2014
Applicable Jurisdiction	Town of Cicero
Applicable Goal	2,4,6
Applicable Objective	3, 4, 5, 6, 7, 9, 10, 11, 13
Cost Analysis (Low, Medium, High)	Low
Priority and Level of Importance (Low, Medium,	Medium
High)	
Benefits of the Mitigation Project (Loss Avoided	Medium
or Issue Being Mitigated)	
Action/Implementation Plan and Project	
Description:	
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority	
Completion status legend:	
N = New; I = In Progress Toward Completion;	0
O = Ongoing Indefinitely; C = Project Completed;	0
R = Want Removed from Annex; X = No Action	
Taken/Delayed	

Mitigation Action #5: Maintai meet or exceed the minimur ordinance, participating in fl requirements and impacts.	n NFIP requirements	. Such programs inclu	de enforcing an ad	opted flood damage	prevention
Lead Agency/Department Organization: Town of Cicero Administration	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source: General Fund	Estimated Projected Completion Date: Short-term and ongoing	Hazard(s) Mitigated: Flooding
Year Initiated Applicable Jurisdiction		2014 Town of Cicero			

Applicable Goal	2,3
Applicable Objective	4, 6, 9
Cost Analysis (Low, Medium, High)	Low
Priority and Level of Importance (Low, Medium,	Medium
High)	
Benefits of the Mitigation Project (Loss Avoided	Medium
or Issue Being Mitigated)	
Action/Implementation Plan and Project	
Description:	
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority	
Completion status legend:	
N = New; I = In Progress Toward Completion;	0
O = Ongoing Indefinitely; C = Project Completed;	
R = Want Removed from Annex; X = No Action	
Taken/Delayed	

Mitigation Action #6: Where	Mitigation Action #6: Where feasible, implement a program to record high water marks following high-water events.					
Lead Agency/Department	Supporting	Estimated Cost:	Potential	Estimated	Hazard(s)	
Organization:	Agencies/	Medium	Funding	Projected	Mitigated:	
Town of Cicero	Organizations:		Source:	Completion	Flooding,	
Administration			General Fund;	Date:	Severe	
			FEMA Public	Long-term	Weather	
			Assistance			
			(PA)			
Year Initiated		2014				
Applicable Jurisdiction		Town of Cicero				
Applicable Goal		2,3				
Applicable Objective		3, 6, 9				
Cost Analysis (Low, Medium, High)		Medium				
Priority and Level of Importa High)	Priority and Level of Importance (Low, Medium,					

Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium
Action/Implementation Plan and Project	
Description:	
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority	
Completion status legend:	
N = New; I = In Progress Toward Completion;	0
O = Ongoing Indefinitely; C = Project Completed;	0
R = Want Removed from Annex; X = No Action	
Taken/Delayed	

Lead Agency/Department Organization: Town Engineer	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source: General Fund	Estimated Projected Completion Date: Ongoing	Hazard(s) Mitigated: All Hazards	
Year Initiated		2014		I		
Applicable Jurisdiction		Town of Cicero				
Applicable Goal		1,2,3,4,5,6				
Applicable Objective		3, 4, 6, 10, 13				
Cost Analysis (Low, Medium	, High)	Low				
Priority and Level of Importance (Low, Medium, High)		Medium				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium				
Action/Implementation Plan	and Project					
Description:						
Actual Completion Date or C	Indefinite					

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Mitigation Action #8: Separa	mwater/sewer system	າ.					
Lead Agency/Department	Supporting	Estimated Cost:	Potential	Estimated	Hazard(s)		
Organization:	Agencies/	High	Funding	Projected	Mitigated:		
Town of Cicero	Organizations:		Source:	Completion	Flooding		
Administration			BRIC, HMGP, FMA	Date: Long-term			
Year Initiated		2014	ГМА	Long-term			
Applicable Jurisdiction		Town of Cicero					
Applicable Goal		2,3					
Applicable Objective		2,9					
Cost Analysis (Low, Medium	, High)	High					
	Priority and Level of Importance (Low, Medium,		Medium				
High)	High)						
-	Benefits of the Mitigation Project (Loss Avoided		High				
or Issue Being Mitigated)							
Action/Implementation Plan	and Project						
Description:							
Actual Completion Date or C	Ongoing Indefinite						
Project Status & Changes in	Priority						
Completion status legend:							
 N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; 		0					
R = Want Removed from Annex; X = No Action							
Taken/Delayed							

Action C-6.9

Mitigation Action #9: Improve	ffectiveness Grading	Schedule classific	ation program.				
Lead Agency/Department Organization:	Supporting Agencies/	Estimated Cost: Low	Potential Funding	Estimated Projected	Hazard(s) Mitigated:		
Building Department	Organizations:		Source: General Fund	Completion Date: Short-term and ongoing	All Hazards		
Year Initiated		2014					
Applicable Jurisdiction		Town of Cicero					
Applicable Goal		2,3					
Applicable Objective		2, 10					
Cost Analysis (Low, Medium)	, High)	Low					
Priority and Level of Importan High)	Priority and Level of Importance (Low, Medium, High)		High				
Benefits of the Mitigation Pro or Issue Being Mitigated)	oject (Loss Avoided	Medium					
Action/Implementation Plan	and Project						
Description:							
Actual Completion Date or O	ngoing Indefinite						
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed		0					

Action C-6.10

Mitigation Action #10: Consider developing and implementing a Capital Improvements Program (CIP) to increase the Village's regulatory, financial, and technical capability to implement mitigation actions.

Lead Agency/Department Organization: Public Works	Supporting Agencies/ Organizations:	Estimated Cost: High	Potential Funding Source: CIP component of the general fund (if implemented)	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: All Hazards
Year Initiated		2014			
Applicable Jurisdiction		Town of Cicero			
Applicable Goal		1,2,3			
Applicable Objective		1, 2, 7			
Cost Analysis (Low, Medi	um, High)	High			
Priority and Level of Impo High)	Priority and Level of Importance (Low, Medium, High)				
Benefits of the Mitigation or Issue Being Mitigated)	Benefits of the Mitigation Project (Loss Avoided				
Action/Implementation F Description:	Action/Implementation Plan and Project				
Actual Completion Date	or Ongoing Indefinite				
Project Status & Changes in PriorityCompletion status legend:N = New; I = In Progress Toward Completion;O = Ongoing Indefinitely; C = Project Completed;R = Want Removed from Annex; X = No ActionTaken/Delayed		0			

Mitigation Action #11: Create and implement a public awareness and education program for the large homeless population to increase their knowledge of when and how to seek shelter from a disaster.					
Lead Agency/Department Organization: Cicero Fire Department	Supporting Agencies/ Organizations: Cicero Police and Department	Estimated Cost: \$50,000 Annually	Potential Funding Source: General Fund	Estimated Projected Completion Date: Ongoing	Hazard(s) Mitigated: All Hazards

of Health and	
Human Services	
Year Initiated	2019
Applicable Jurisdiction	Town of Cicero
Applicable Goal	1,2,3,4,5,6
Applicable Objective	6, 12
Cost Analysis (Low, Medium, High)	Low—The project could be funded under the existing budget. The project is
Cost Anatysis (Low, Medium, Mgh)	part of or can be part of an ongoing existing program.
Priority and Level of Importance (Low, Medium, High)	High
Benefits of the Mitigation Project (Loss Avoided	Protection of life and/or harm of the homeless population
or Issue Being Mitigated)	High—Project will provide an immediate reduction of risk exposure for life and
	property.
Action/Implementation Plan and Project Description:	The Town of Cicero has a large homeless population that if a natural disaster should occur is unaware where they could or should go in the case of extreme cold, heat, rain, snow and or severe weather conditions. In the town of Cicero there is a large population of homeless people living in tents, makeshift shacks, boxes or open-air living near the railroad tracks from Cermak Road to 31st Street. The Cicero Fire Department would create an action plan to notify both verbally and in writing of where they should and/or could go in the case of extreme weather conditions. Areas of shelter available in the town, community centers, public gyms, and police and fire stations would be staffed during extreme weather conditions. The Fire Department and/or other Town departments would verbally and in writing educate this population of where to go in extreme weather conditions and/or natural disaster. The education would be verbal and in writing in multiple languages. The written material would be laminated to protect it from the elements.
Actual Completion Date or Ongoing Indefinite	
Project Status & Changes in Priority	
Completion status legend:	
N = New; I = In Progress Toward Completion;	0
O = Ongoing Indefinitely; C = Project Completed;	
R = Want Removed from Annex; X = No Action	
Taken/Delayed	

Mitigation Action #12: Creatoresidents of Cicero.	e and implement an e	education program on	smoke and carb	on monoxide detect	ors for the	
Lead Agency/Department Organization: Cicero Fire Department	Supporting Agencies/ Organizations: Department of Health and Human Services	Estimated Cost: \$78,000 Annually	Potential Funding Source: General Fund	Estimated Projected Completion Date: Ongoing	Hazard(s) Mitigated: Hazardous Materials Incident	
Year Initiated Applicable Jurisdiction Applicable Goal		2019 Town of Cicero 1,2,3,4,5,6				
Applicable Objective Cost Analysis (Low, Medium, High)		6 Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.				
Priority and Level of Importance (Low, Medium, High) Benefits of the Mitigation Project (Loss Avoided		High High—Project will provide an immediate reduction of risk exposure for life and property.				
or Issue Being Mitigated) Action/Implementation Plan and Project Description:		Protection of the life and property of the residents of Cicero The Cicero Fire Department will educate the residents of Cicero the necessity verbally, in writing, television and via social media. Fire Prevention, with the assistance of all fire companies, will prepare a presentation for the public that teaches the residents how important smoke and carbon monoxide detectors are to save lives and property. This presentation will be given as often as possible to community groups, schools, churches, and political organizations. The presentation will also be video recorded an broadcast on the Town of Cicero's television channel. A written informational booklet will also be created and be made available to all the above groups, at Town Hall, the Police Department, and the Fire Department. This information and presentation will also be made available on the Town of Cicero's website with links prominently displayed. Also, after every house fire the department will go door to door in the general vicinity and explain the importance of smoke and				

	carbon monoxide detectors and provide them to the residents if they do not have one. The Fire Department gives residents free smoke detectors this fact will be reiterated in all forms of communications discussed above.
Actual Completion Date or Ongoing Indefinite	
 Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed 	0

Mitigation Action #13: Imple	ment Cicero Green Ir	frastructure Project				
Lead Agency/Department Organization: MWRD	Supporting Agencies/ Organizations: City of Chicago	Estimated Cost: Medium	Potential Funding Source: BRIC, HMGP	Estimated Projected Completion Date: Long-term / Ongoing	Hazard(s) Mitigated: Flooding	
Year Initiated		2019				
Applicable Jurisdiction		City of Chicago / Cicero				
Applicable Goal		1				
Applicable Objective		13				
Cost Analysis (Low, Medium, High)		Medium				
Priority and Level of Importance (Low, Medium, High)		Medium				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium				
Action/Implementation Plan and Project Description:		Project Title: Cicero Town of Cicero 2019 GI Alley Paving Improvements Completed nine (9) alleyway sections, with 12 more scheduled for implementation in 2024				
Actual Completion Date or C	Ingoing Indefinite					

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Completed Actions

Completed Mitigation Actions - An archive of all identified and completed projects, including completed actions since 2014.

Completed Action Items

No completed items at this time.

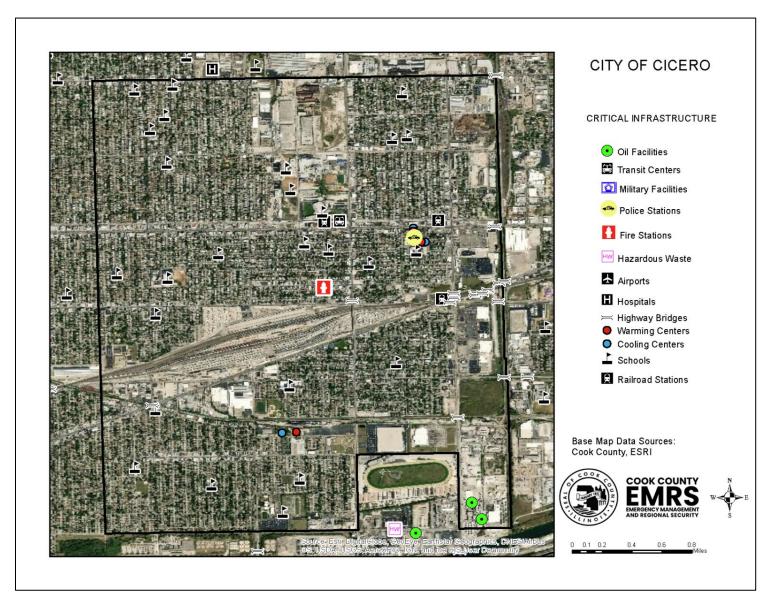
Future Needs to Better Understand Risk/Vulnerability

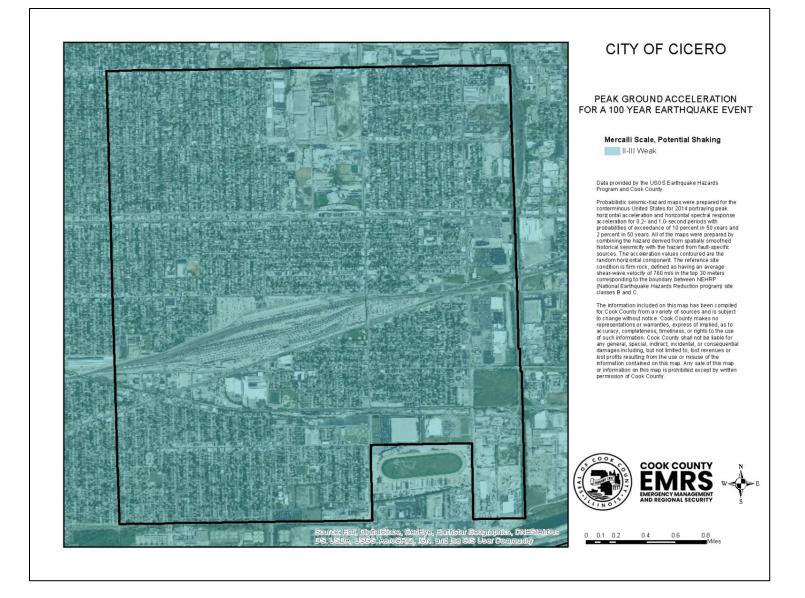
Suggesting creating and implementing a town planning department to coordinate and plan for hazard mitigation.

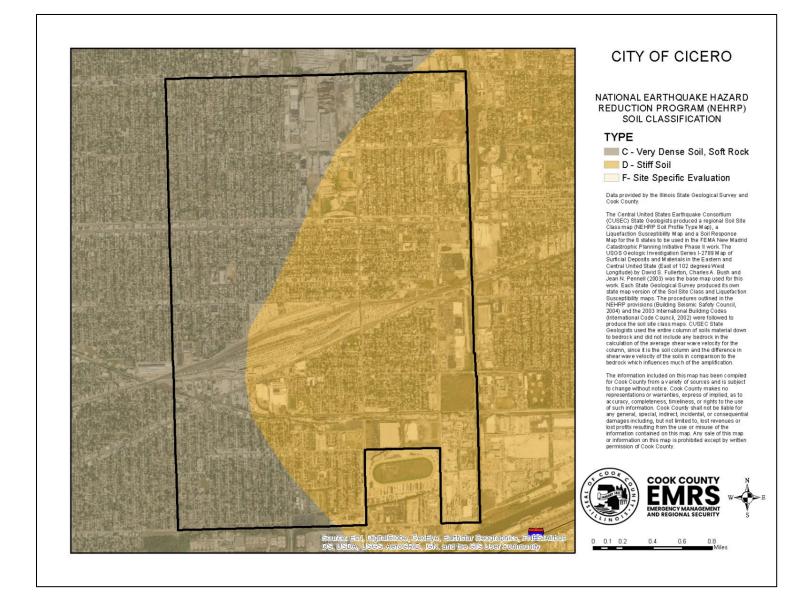
Additional Comments

No additional comments at this time.

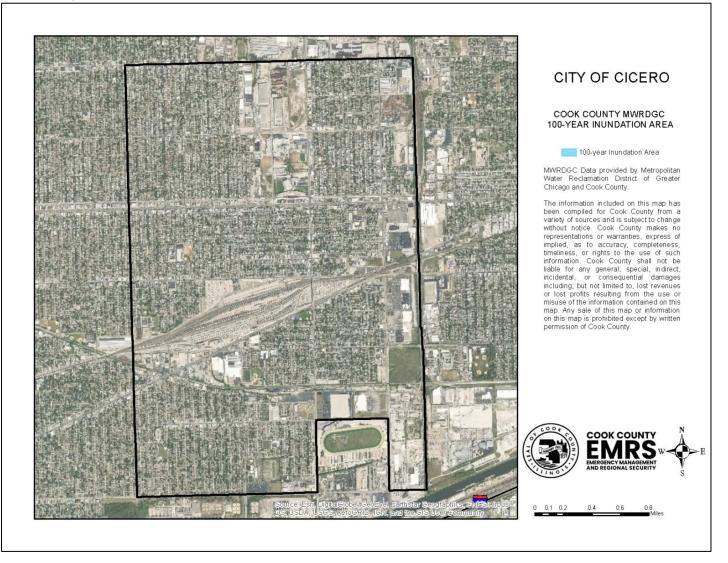
Hazard Mapping

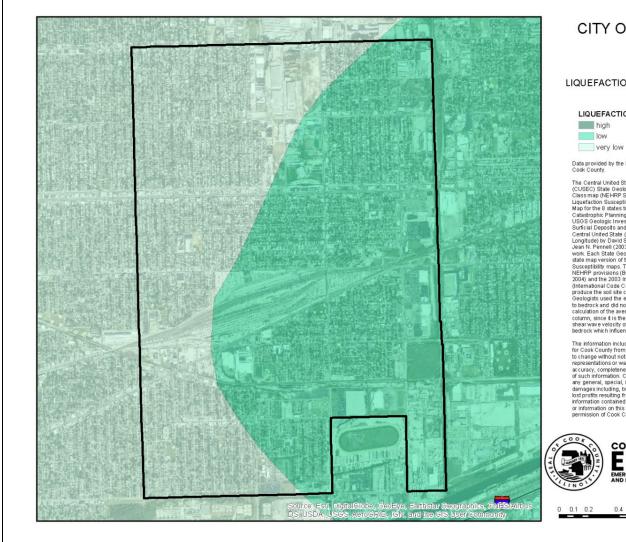






DISCLAIMER: The Cook County MWRDGC 100-year Inundation Map is provided to show general flood risk information regarding floodplains and inundation areas. This map is not regulatory. Official FEMA Flood Insurance Study information and regulatory maps can be obtained from http://www.fema.gov.





CITY OF CICERO

LIQUEFACTION SUSCEPTIBILITY

LIQUEFACTION SUSCEPTIBILITY



Data provided by the Illinois State Geological Survey and Cook County.

The Central United States Earthquake Consortium (CUSEC) State Geologists produced a regional Soil Site Class map (NEHRP Soil Profile Type Map), a Liquefaction Susceptibility M ag and a Soil Response Map for the 8 states to be used in the FEMA New Madrid Catastrophic Planning Initiative Phase II work. The Catastrophic Planning Initiative Phase II work. The USGS Geologic Investigation Series 1-2789 Map of Surficial Deposits and Materials in the Eastern and Central United State (East of 102 degrees West Longitude) by David S. Fullerton, Charles A. Bush and Jean N. Pennell (2003) was the base map used for this Jean N. Penheil (2003) was the base map used for this work. Each State Geological Survey produced its own state map version of the Soil Site Class and Liquefaction Susceptibility maps. The procedures outlined in the NEHRP provisions (Building Seismic Safer Council, 2004) and the 2003 International Building Codes (International Code Council, 2002) were followed to produce the soil site class maps. CUSEC State Geologists used the entire column of soils material down to bedrock and did not include any bedrock in the calculation of the average shear wave velocity for the column, since it is the soil column and the difference in shear wave velocity of the soils in comparison to the bedrock which influences much of the amplification.

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