Hodgkins

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: 1896

Current Population: The 2021 U.S. Census estimate indicated the population was 1,472

Population Growth: The overall population has decreased 21.91 percent between 2018 and 2021.

Location and Description: The Village of Hodgkins is located just over 3 miles from Chicago's western city limits and is bordered by McCook to the north, the Des Plaines River to the south and east, and Countryside to the west. The Des Plaines River runs along the Village's southern and eastern border and Interstates I-55 and I-294 traverse the Village. According to the 2010 census, the village has a total area of 2.64 square miles.

Brief History: The Village of Hodgkins was incorporated in 1896. Jefferson Hodgkins, the president of the Kimball and Cobb Stone Company, which was the first business to locate in the Village. Jefferson Hodgkins was the businessman for whom Hodgkins was named. Modesto Lenzi became the Village's first president that same year. In the 1950s and 1960s Hodgkins began to attract motor freight terminals. The village's location relative to expressways and the availability of high, flat, and dry land made it a natural distribution and transfer point between Chicago and the rest of the nation. Hodgkins grew substantially during these two decades; however, by the late 1970s, the motor freight industry began to decline.

Climate: The Village of Hodgkins climate is warm during the summer when temperatures tend to be in the 70s and very cold during winter when temperatures tend to be in the 20s. The warmest month of the year is July with an average maximum temperature of 84.70 degrees Fahrenheit, while the coldest month of the year is January with an average minimum temperature of 16.20 degrees

Fahrenheit. The annual precipitation in Hodgkins is 38.35 inches. Rainfall is fairly evenly distributed throughout the year. The wettest month of the year is June with an average of 4.16 inches of rainfall.

Governing Body Format: Hodgkins is governed by an elected president and six trustees. The Village President, Village Clerk, and three Trustees are elected every four years. The other three Trustees are also elected for four-year terms, but the election is staggered and takes place two years after the first group. The Village Treasurer, Police Chief and Superintendent of Public Works are appointed. This body of Government will assume the responsibility for the adoption and implementation of this plan. The Village of Hodgkins operates 5 departments including the Emergency Services Disaster Agency, Fire Department, Police Department, Public Works Department, and the Water Department.

Development Trends: In 1985 Hodgkins joined with the Village of McCook to create the McCook-Hodgkins Enterprise Zone. The next year saw the creation of a Tax Increment Finance (TIF) District within the Enterprise Zone. As a result of these programs, commercial business began to replace motor freight as Hodgkins mechanism of growth. Developers built a major local shopping center, The Quarry Mall, on land vacated by the declining motor freight companies in 1992. Several auto dealerships, restaurants, a movie theater and an offtrack betting establishment were also attracted to the development. The crown jewel of the Enterprise Zone, however, is the United Parcel Service (UPS) package sorting facility built in 1991; it is the largest package sorting facility in the world. In 2008, the Village created TIF II District which resulted in the construction of Continental Toyota of Hodgkins. This is one of the largest auto dealerships in the State of Illinois. In 2014, the Village was establishing the TIF III District which is aimed at the commercial development along East Ave., located in Northeast section of the Village. Improvements to properties has occurred in recent years such as the Runnion Crane Sales and Service and the Chevrolet Auto and Mid-Size Truck Dealership to the vacant property on East Avenue. Also, one of the largest property development plans that has been taken on in many years, is the Lenzi Avenue Apartment Building purchase and demolition.

Changes in Community Priorities: There have been no significant changes in priority regarding the hazards that could potentially impact the community or changes in priority regarding resilience.

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, Ordinances & Requirements					

Building Code	Yes	No	No	Yes	93-23 (12-09-1985)
Zonings	Yes	No	No	Yes	92-14(12-09-1985)
Subdivisions	Yes	No	No	No	Section 9 (date unknown)
Stormwater Management	No	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA.
Post Disaster Recovery	No	No	No	No	
Real Estate Disclosure	No	No	Yes	Yes	(765 ILCS 77/) Residential Real Property Disclosure Act.
Growth Management	No	No	No	No	
Site Plan Review	Yes	No	No	No	8-2-16 (date unknown)
Public Health and Safety	Yes	No	Yes	Yes	07-01 (01/08/2007)
Environmental Protection	No	No	No	No	
Planning Documents					
General or Comprehensive Plan	No	No	No	No	
Is the plan equipped to provide integration to this mitigation plan?					N/A
Floodplain or Basin Plan	Yes	No	No	No	06/09/2008
Stormwater Plan	No	No	Yes	No	Regional stormwater impacts are managed by MWRD. The Village lies within the Des Plaines River watershed planning area of MWRD's comprehensive Stormwater Master Planning Program

Capital Improvement Plan	Yes	No	Yes	No	
What types of capital facilities does the plan address?					Water distribution, lighting, sidewalks, streets and alleys.
How often is the plan revised/updated?					Annually
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	Yes	No	Yes	Yes	TIF Plan I & TIF Plan II
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
Comprehensive Emergency Management Plan	Yes	No	No	Yes	99-03 (03/08/1999)
Threat and Hazard Identification and Risk Assessment	No	No	Yes	No	Cook County DHSEM Preparing THIRA
Terrorism Plan	No	No	Yes	Yes	Cook County DHSEM
Post-Disaster Recovery Plan	No	No	No	No	
Continuity of Operations Plan	No	No	Yes	No	Cook County DHSEM
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	No
Withhold Public Expenditures in Hazard-Prone Areas	No
State Sponsored Grant Programs	Yes

Development Impact Fees for Homebuyers or Developers	No
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	Frank Novotny & Associates
Engineers or professionals trained in building or infrastructure construction practices	Yes	Frank Novotny & Associates
Planners or engineers with an understanding of natural hazards	Yes	Frank Novotny & Associates
Staff with training in benefit/cost analysis	Yes	Frank Novotny & Associates
Surveyors	Yes	Frank Novotny & Associates
Personnel skilled or trained in GIS applications	Yes	Cook County GIS Consortium/Frank Novotny & Associates.
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Hodgkins Emergency Management Coordinator
Grant writers	No	

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)	Building Commissioner
Are any certified floodplain managers on staff in your jurisdiction?	No
What is the date of adoption of your flood damage prevention ordinance?	06/09/2008
When was the most recent Community Assistance Visit or Community Assistance Contact?	Have no received a Community Assistance Visit
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; Undecided

NFIP Participation Activities

Maintaining compliance under the NFIP is an important component of flood risk reduction. All planning partners that participate in the NFIP have identified actions to maintain their compliance and good standing. Cook County entered the NFIP on April 15, 1981. Structures permitted or built in the County before then are called "pre-FIRM" structures, and structures built afterwards are called

"post-FIRM." The insurance rate is different for the two types of structures. The effective date for the current countywide FIRM is August 19, 2008. This map is a DFIRM (digital flood insurance rate map). The communities in Cook County that participate in the NFIP are shown in ***Table: NFIP Participating Communities in Cook County*** in **Volume I** of the Cook County MJ-HMP.

The NFIP makes federally-backed flood insurance available to homeowners, renters, and business owners in participating communities. The communities in Cook County that participate in the NFIP and their "Policies in Force," "Total Coverage," and "Total Written Premiums" are shown in ***Table: Cook County Flood Insurance Policies*** in **Volume I** of the Cook County MJ-HMP.

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:

12-1-2 Definitions

SUBSTANTIAL DAMAGE: Damage of any origin sustained by a structure whereby the cumulative percentage of damage during the life of the building equals or exceeds fifty percent (50%) of the market value of the structure before the damage occurred regardless of actual repair work performed. Volunteer labor and materials must be included in this determination. The term includes repetitive loss buildings. See definition of Repetitive Loss.

SUBSTANTIAL IMPROVEMENT:

A. Any reconstruction, rehabilitation, addition, or improvement of a structure taking place during the life of the building in which the cumulative percentage of improvements equals or exceeds fifty percent (50%) of the market value of the structure before the improvement or repair is started.

B. "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 building. This term includes structures which have incurred repetitive loss or substantial damage, regardless of the actual work done.

C. The term does not, however, include either:

1. 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 assure safe living conditions; or

2. Any alteration of a historic structure listed on the national register of historic places or the Illinois register of historic places; provided, that the alteration will not preclude the structure's continued designation as a historic structure.

12-1-3 General Administration and Enforcement Provisions

A. The building inspector shall be responsible for fulfilling all of the duties listed in section 12-1-4 of this chapter.

B. To fulfill those duties, the building inspector should first use the criteria listed in section 12-1-5 of this chapter to determine whether the development site is located within a floodplain.

C. Once it has been determined that a site is located within a floodplain, the building inspector must determine whether the development site is within a flood fringe, a designated floodway, or within an SFHA or floodplain for which no floodway has been identified.

1. If the site is within a flood fringe, the building inspector shall require that the minimum requirements of chapter 2 of this title be met.
2. If the site is within a floodway, the building inspector shall require that the minimum requirements of chapter 3 of this title be met.
3. If the site is located within an SFHA or floodplain for which no detailed study has been completed and approved, the building inspector shall require that the minimum requirements of chapter 4 of this title be met.

D. In addition, the general requirements of chapter 5 of this title shall be met for all developments meeting the requirements of chapter 2, 3 or 4 of this title.

12-1-4 Duties of Building Inspector

A. Determining Floodplain Designation:

1. Check all new development sites to determine whether they are in a special flood hazard area (SFHA).
2. If they are in an SFHA, determine whether they are in a floodway or flood fringe or in a floodplain for which a detailed study has not been conducted and which drains more than one square mile.
3. Check whether the development is potentially within an extended SFHA (with a drainage area less than 1 square mile), indicating that the development would have adverse impacts regarding storage, conveyance, or inundation which would be the basis for the applicant being required to delineate the floodplain and floodway and be subject to the remaining provisions of this title.

B. Professional Engineer Review:

1. If the development site is within a floodway or in a floodplain for which a detailed study has not been conducted and which drains more than one square mile, the permit shall be referred to a licensed professional engineer under the employ or contract of the village for review to ensure that the development meets chapter 3 or 4 of this title.
2. In the case of an appropriate use, the PE shall state in writing that the development meets the requirements of chapter 3 of this title.

G. Damage Determinations: Make damage determinations of all damaged buildings in the SFHA after a flood to determine substantially damaged structures which must comply with subsection 12-5-4C of this title.

12-5-4 Protecting Buildings

A. All buildings located within a 100-year floodplain, also known as an "SFHA", shall be protected from flood damage below the flood protection elevation. This building protection criteria applies to the following situations:

1. Construction or placement of a new building or alteration or addition to an existing building valued at more than one thousand dollars ($1,000.00) or seventy (70) square feet;

2. Substantial improvements or structural alterations made to an existing building that increase the floor area by more than twenty percent (20%) or equal or exceed the market value by fifty percent (50%). Alteration shall be figured cumulatively during the life of the building. If substantially improved, the existing structure and the addition must meet the flood protection standards of this section;

3. Repairs made to a substantially damaged building. These repairs shall be figured cumulatively during the life of the building. If substantially damaged, the entire structure must meet the flood protection standards of this section;

C. A residential or nonresidential building may be elevated in accordance with the following:

1. The building or improvements shall be elevated on crawl space, stilts, piles, walls, or other foundation that is permanently open to floodwaters and not subject to damage by hydrostatic pressures of the base flood or 100-year frequency flood. Designs must either be certified by a licensed professional engineer or architect or the permanent openings, one on each wall, shall be no more than one foot (1') above existing grade, and consist of a minimum of two (2) openings. The openings must have a total net area of not less than one square inch for every one square foot of enclosed area subject to flooding below the base flood elevation; and

2. The foundation and supporting members shall be anchored and aligned in relation to flood flows and adjoining structures so as to minimize exposure to known hydrodynamic forces such as current, waves, ice and floating debris; and

3. All areas below the flood protection elevation shall be constructed of materials resistant to flood damage; and

4. The lowest floor (including basement) and all electrical, heating, ventilating, plumbing, and air conditioning equipment and utility meters shall be located at or above the flood protection elevation; and

5. Water and sewer pipes, electrical and telephone lines, submersible pumps, and other waterproofed service facilities may be located below the flood protection elevation provided they are waterproofed; and

6. The areas below the flood protection elevation may only be used for the parking of vehicles, building access or storage in an area other than a basement and not later modified or occupied as habitable space; and

7. In lieu of the above criteria, the design methods to comply with these requirements may be certified by licensed professional engineer or architect.

8. Manufactured homes and travel trailers to be installed on a site for more than one hundred eighty (180) days shall be elevated to or above the flood protection elevation; and shall be

anchored to resist flotation, collapse, or lateral movement by being tied down in accordance with the rules and regulations for the Illinois mobile home tiedown act issued pursuant to 77 Illinois administrative code part 870. In addition, all manufactured homes shall meet the following elevation requirements:

a. In the case of manufactured homes placed or substantially improved: 1) outside of a manufactured home park or subdivision; 2) in a new manufactured home park or subdivision; 3) in an expansion to an existing manufactured home park or subdivision; or 4) in an existing manufactured home park or subdivision on which a manufactured home has incurred substantial damage from a flood, the top of the lowest floor shall be elevated to or above the flood protection elevation.

b. In the case of manufactured homes placed or substantially improved in an existing manufactured home park or subdivision, the manufactured home shall be elevated so that either the top of the lowest floor is above the base flood elevation or the chassis is at least thirty six inches (36") in height above grade and supported by reinforced piers or other foundations of equivalent strength, whichever is less.

F. Construction of new or substantially improved critical facilities shall be located outside the limits of the floodplain. Construction of new critical facilities shall be permissible within the floodplain if no feasible alternative site is available. Critical facilities constructed within the SFHA shall have the lowest floor (including basement) elevated or structurally dry floodproofed to the 500-year flood frequency elevation or three feet (3') above the level of the 100-year flood frequency elevation, whichever is greater. Floodproofing and sealing measures must be taken to ensure that toxic substances will not be displaced by or released into floodwaters. Access routes elevated to or above the level of the base flood elevation shall be provided to all critical facilities. (Ord. 08-07, 6-9-2008; amd. 2016 Code)

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	Unknown	Unknown	Unknown
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	No	N/A	N/A

Opportunities to Expand and Improve Capabilities

Opportunities to expand and improve capabilities include developing a strategy to identify and set aside municipal funds to assist with the 25% cost match for FEMA HMA mitigation grants. Due to the technical expertise needed to develop grant applications and benefit cost analyses for FEMA HMA grants, the municipality has a need for qualified grant writers to assist in the development and management of these grants.

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 goals and actions of the Hazard Mitigation Plan will be considered in the next capital improvement planning process.

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 5/25/2011	High Wind, Tornadoes, Torrential Rain
4/18/2013 4/20/2013 4/21/2013 4/25/2013 4/30/2013	Severe Storms, Heavy Rainfall, Flooding, Straight-line Winds
1/6/2014	Heavy Snowfall, Frigid Temperatures
7/12/2017 7/14/2017	Thunderstorms, Heavy Rainfall, Flooding
1/29/2019	Winter Storm
2/6/2020	Severe Storms
3/12/2020 – present (reissued monthly)	COVID-19
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**
Severe Winter Storm	FEMA-1960-DR-1960	1/31/2011	$14,562.00 Submitted, $10,922.00 Received
Extreme Cold		2/18/2004	
Severe Weather and Winds		6/18/1998	

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.

Extreme Cold: In January of 2004, 82 year old woman found dead in unheated mobile home in Hodgkins, Cook County. Overnight low temperature was -6F.

Severe Weather: In 1998, A squall line moved east across north central and northeast Illinois causing widespread wind damage to trees and power lines. In Cook County, observers measured a 58 mph wind gust on the west side of Chicago and a 64 mph wind gust in Midlothian. Trees were blown down in Brookfield and Hodgkins. Siding on houses and fences were also damaged.

Drought: Potable water in the area is a concern and the availability would greatly decrease in the event of a drought

Tornado: While none have touched down in the area, the mobile homes are particularly vulnerable.

Indicator	Number	Percent
Families in poverty	72	9.3%
People with disabilities	349	10.9%
People over 65 years	684	21.3%
People under 5 years	161	5%
People of color	1,273	39.7%
Black	81	2.5%
Native American	2	0.1%
Hispanic	1,170	36.5%
Difficulty with English	171	5.6%
Households with no car	68	5.2%
Mobile homes	526	39.8%

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

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

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	

Earthquake	
Flood (Riverine, Urban, Shoreline)	
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Wings)	
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	
Tornado	
Wildfire (Wildfire Smoke)	

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

Our community does not anticipate future major assets may be exposed or vulnerable to any of the natural hazards identified in this Hazard Mitigation Plan. Any new assets (e.g., new construction in hazard prone areas) will be constructed to adhere to the latest building codes and standards, and mitigation to protect them from identified and anticipated hazards, especially those that are expected to increase due to climate change.

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

New Mitigation Actions

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

Action H-8.28

Mitigation Action #H - 8.28: Upgrading Village Hall's generator for the EM shelter.					
Lead Agency/Department Organization: Public Works	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:** General Fund Hazard Mitigation Grant Program (HMGP) FEMA Public Assistance (PA)	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** Drought Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold) Tornado
Year Initiated	2023 (indicated as new for 2024 update)				
Applicable Jurisdiction	Village of Hodgkins				
Applicable Goal	1,2,3,4,5,6				
Applicable Objective	1,2,3,4,5,11				
Cost Analysis (Low, Medium, High)	High				
Priority and Level of Importance (Low, Medium, High)	Medium				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	High				

Action/Implementation Plan and Project Description:	Upgrading Village Hall's generator for the EM shelter.
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.

Action H-8.1

Mitigation Action #H - 8.1: Clear storm drains for stormwater management.					
Lead Agency/Department Organization: Village, Public Works	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund, HMGP, BRIC	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** Severe Weather, Flooding
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3			
Applicable Objective		1, 2, 4, 8, 9			
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:	This is an ongoing activity that is performed by the Village Public Works Department.
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	**O**

Action H-8.2

Mitigation Action #H - 8.2: Educate the public to promote safety, alert protocols, shelter, and alternative warning systems.					
Lead Agency/Department Organization: Village, Emergency Service & Disaster Agency (ESDA), Police	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 3, 4, 5, 6			
Applicable Objective		5, 6, 8, 11			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		Low			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Low			
Action/Implementation Plan and Project Description:		Using established protocols, the Village utilizes Blackboard Connect to alert and educate its residents and businesses to severe weather, neighborhood crime watches or other critical incidents.			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority		**O**			

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	

Action H-8.3

Mitigation Action #H - 8.3: Integrate Hazard Mitigation Plan into the general Emergency Operations Plan.					
Lead Agency/Department Organization: EMRS, Village, Police, ESDA	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3, 6			
Applicable Objective		1, 5, 6, 8			
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:		Village coordinates building plans and zoning variations to meet BOCA standards through the Planning and Zoning Board and Village Engineer.			
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		**O**			

Action H-8.4

Mitigation Action #H - 8.4: Participate in inspection drills involving village employees.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3			
Applicable Objective		1, 2, 5			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		Low			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Low			
Action/Implementation Plan and Project Description:		Designated Village employees are continually involved in building inspections to update and maintain operational alarm systems, fire extinguishers, unobstructed access and exit passage ways and to conform to required OSHA standards			
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		**O**			

Action H-8.5

Mitigation Action #H - 8.5: Update City Emergency Operations, Pharmaceutical, and Public Building Plans.

Lead Agency/Department Organization: ESDA, Police, Public Works	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Short-term Annual	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodkins			
Applicable Goal		1, 2, 3, 6			
Applicable Objective		1, 5, 6, 8			
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:		Village Police Department Administrator and ESDA Coordinator continually review and update Village's EOP.			
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		**O**			

Action H-8.6

Mitigation Action #H - 8.6: Continue participation in mutual aid agreements with adjoining jurisdictions and intergovernmental-agency partnerships.					
Lead Agency/Department Organization: Village, Police, Public Works, ESDA, Building Department	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** All

Year Initiated	2014
Applicable Jurisdiction	Village of Hodkins
Applicable Goal	1, 4
Applicable Objective	1, 5, 8
Cost Analysis (Low, Medium, High)	Low
Priority and Level of Importance (Low, Medium, High)	Low
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Low
Action/Implementation Plan and Project Description:	Village currently maintains mutual aid and intergovernmental agreements with all applicable partners in such areas as Law Enforcement, Public Works, Building Department, and Water & Sewer
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	**O**

Action H-8.7

Mitigation Action #H - 8.7: Maintain local flood control measures (ditches, water retention area).					
Lead Agency/Department Organization: Public Works	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** Flooding
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1			
Applicable Objective		9, 12			
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)	High
Action/Implementation Plan and Project Description:	As indicated in H8.14 and 2 water retention basins treatment
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	**O**

Action H-8.9

Mitigation Action #H - 8.9: Participate in information gathering and involvement in programs that concentrate on emergency preparedness and education (e.g., National Incident Management System).					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 4, 5, 6			
Applicable Objective		4, 6, 8			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		Low			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium			

Action/Implementation Plan and Project Description:	Participate in training for severe weather monitoring.
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	**O**

Action H-8.10

Mitigation Action #H - 8.10: Establish and continue planning and partnership between government agencies, volunteers, Cook County DPH, and public agencies.					
Lead Agency/Department Organization: Village, Lyons Township, Countryside, Indian Head Park, La Grange, La Grange Park, and Pleasantview Fire District	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		All			
Applicable Objective		1, 6, 8			
Cost Analysis (Low, Medium, High)		Medium			
Priority and Level of Importance (Low, Medium, High)		Low			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium			
Action/Implementation Plan and Project Description:		This is part of the Village ongoing agreements.			
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	**O**

Action H-8.11

Mitigation Action #H - 8.11: Maintain and upgrade the village's Black-Board Connect (reverse 911) communications systems.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** All
Year Initiated	2014				
Applicable Jurisdiction	Village of Hodgkins Administration				
Applicable Goal	1, 2				
Applicable Objective	5				
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:	Village's Blackboard Administrator and maintains the data base on a regular basis, while continually updating the call list.				
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	**O**				

Action H-8.12

Mitigation Action #H - 8.12: Reduce potable water system loss due to leakage and infrastructure failures.					
Lead Agency/Department Organization: Village, Water Department	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** Droughts
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3			
Applicable Objective		1, 2, 13			
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)		Medium			
Action/Implementation Plan and Project Description:		Summer of 2016 the Village Water Department scoped the system to detect and repair leaks.			
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		**O**			

Action H-8.13

Mitigation Action #H - 8.13: Water run-off mitigation from new developments, housing, and property redevelopment.					
Lead Agency/Department Organization:	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:**	**Estimated Projected**	**Hazard(s) Mitigated:** Flooding

Village, Water Department, MWRD			Developer, Home Owner, Property Owner	**Completion Date:** Developer, Home Owner, Property Owner	
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3, 4			
Applicable Objective		3, 4, 8, 9, 10, 13			
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)		Medium			
Action/Implementation Plan and Project Description:		This is part of the topographical design review of all building projects within the Village . The Village Engineer conducts the reviews. As cited under H8.7 (2) retention bases were constructed for a construction project in order to mitigate run-off.			
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		**O**			

Action H-8.15

Mitigation Action #H - 8.15: Where appropriate, support retrofitting, purchasing, or relocating structures in hazard-prone areas to prevent future damage. Give priority to properties with exposure to repetitive losses.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:** HMGP, BRIC	**Estimated Projected Completion Date:**	**Hazard(s) Mitigated:** All

				Long-term (depending on funding)	
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		2, 3			
Applicable Objective		7, 13			
Cost Analysis (Low, Medium, High)		High			
Priority and Level of Importance (Low, Medium, High)		Medium			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		High			
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; **O** = Ongoing Indefinitely; **C** = Project Completed; **R** = Want Removed from Annex; **X** = No Action Taken/Delayed		**X**			

Action H-8.16

Mitigation Action #H - 8.16: Continue to support the countywide actions identified in this plan.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Short- and long-term	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			

Applicable Goal	All
Applicable Objective	All
Cost Analysis (Low, Medium, High)	Low
Priority and Level of Importance (Low, Medium, High)	High
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium
Action/Implementation Plan and Project Description:	Provided the required annual updates to the Action Plan Matrix as requested by CCDHSEM
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	**X**

Action H-8.17

Mitigation Action #H - 8.17: Actively participate in the plan maintenance strategy identified in this plan.					
Lead Agency/Department Organization: EMRS Village	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 4, 6			
Applicable Objective		3, 4, 6			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		High			

Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Medium
Action/Implementation Plan and Project Description:	The Village will continue to be an active participant in the plan maintenance strategy.
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	**O**

Action H-8.19

Mitigation Action #H - 8.19: Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.					
Lead Agency/Department Organization: Village of Hodgkins 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		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3, 6			
Applicable Objective		4, 6, 9			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		High			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Medium			

Action/Implementation Plan and Project Description:	Currently, the Village does not have any land within its cooperate limits that impact any residential or business construction that would require flood insurance due to designated flood plain.
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	**X**

Action H-8.21

Mitigation Action #H - 8.21: Water Retention upgrade.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** HMGP, BRIC	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** Flooding
Year Initiated		2014			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1,2,3,5			
Applicable Objective		4,6,9			
Cost Analysis (Low, Medium, High)		Medium			
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:		Village constructed underground water retention pond for a commercial development located at 6201 East Ave.			
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority		**O**			

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	

Action H-8.22

Mitigation Action #H - 8.22: Outdoor Warning System improvement.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** All
Year Initiated		2019			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1,2,3,5			
Applicable Objective		4,6,9			
Cost Analysis (Low, Medium, High)		Medium			
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:		Village installed a new outdoor weather siren at 8997 Lyons St. in order to increase audible warning alert in the area			
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		**O**			

Action H-8.23

Mitigation Action #H - 8.23: Reliability Improvements/Potable Water System.					
Lead Agency/Department Organization: Village of Hodgkins Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:** BRIC, HMGP	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** Flooding
Year Initiated		2019			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1,2,3,5			
Applicable Objective		2,9,13			
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:		Replacing mechanical pumps for Village pumping stations			
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		**O**			

Action H-8.24

Mitigation Action #H - 8.24: Improvements to hydrant infrastructure.					
Lead Agency/Department Organization:	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:**	**Estimated Projected**	**Hazard(s) Mitigated:** All

Village of Hodgkins Administration			General Fund, BRIC, HMGP	**Completion Date:** Long-term	
Year Initiated		2019			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1,3,5			
Applicable Objective		14,6,9			
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:		Installed fire loop (hydrants) in N/E residential area of the Village (Parkview)			
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		**O**			

Action H-8.26

Mitigation Action #H - 8.26: Install Monitoring Equipment for Village water & sewer systems.					
Lead Agency/Department Organization: Water Department	**Supporting Agencies/ Organizations:** ACS (Vendor)	**Estimated Cost:** $40,000.00	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Spring 2019	**Hazard(s) Mitigated:** All
Year Initiated		2019			
Applicable Jurisdiction		Village of Hodgkins			

Applicable Goal	1
Applicable Objective	3, 12
Cost Analysis (Low, Medium, High)	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)	Medium Priority
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Upgraded management of water system, Project will have a long-term impact on the reduction of risk exposure for life and property, or project will provide an immediate reduction in the risk exposure for property.
Action/Implementation Plan and Project Description:	
Actual Completion Date or Ongoing Indefinite	Village Water Department upgraded the SCADA system
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	**O**

Action H-8.27

Mitigation Action #H - 8.27: Storm Sewer Upgrade					
Lead Agency/Department Organization: IDOT	**Supporting Agencies/ Organizations:** Hodgkins DPW	**Estimated Cost:** $150,000	**Potential Funding Source:** IDOT assumed all funding	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** Flooding
Year Initiated		2020			
Applicable Jurisdiction		Village of Hodgkins			
Applicable Goal		1, 2, 3, 4			

Applicable Objective	
Cost Analysis (Low, Medium, High)	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)	High Priority
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Flood prevention, Project will provide an immediate reduction of risk exposure for life and property.
Action/Implementation Plan and Project Description:	The project was completed in conjunction with IDOT as part of the I-294 expansion. The area is located near 75th St. and Santa Fe Dr. This area has been an issue with standing water for several years, impacting traffic flow during heavy rain storms
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	**O**

Completed Actions

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

Completed Action Items
Maintain the outdoor warning system through a preventive maintenance agreement.
Upgrade/Expand ditch and water flow culverts.
Where feasible, implement a program to record high water marks following high-water events
Install Surge protection & lighting protection

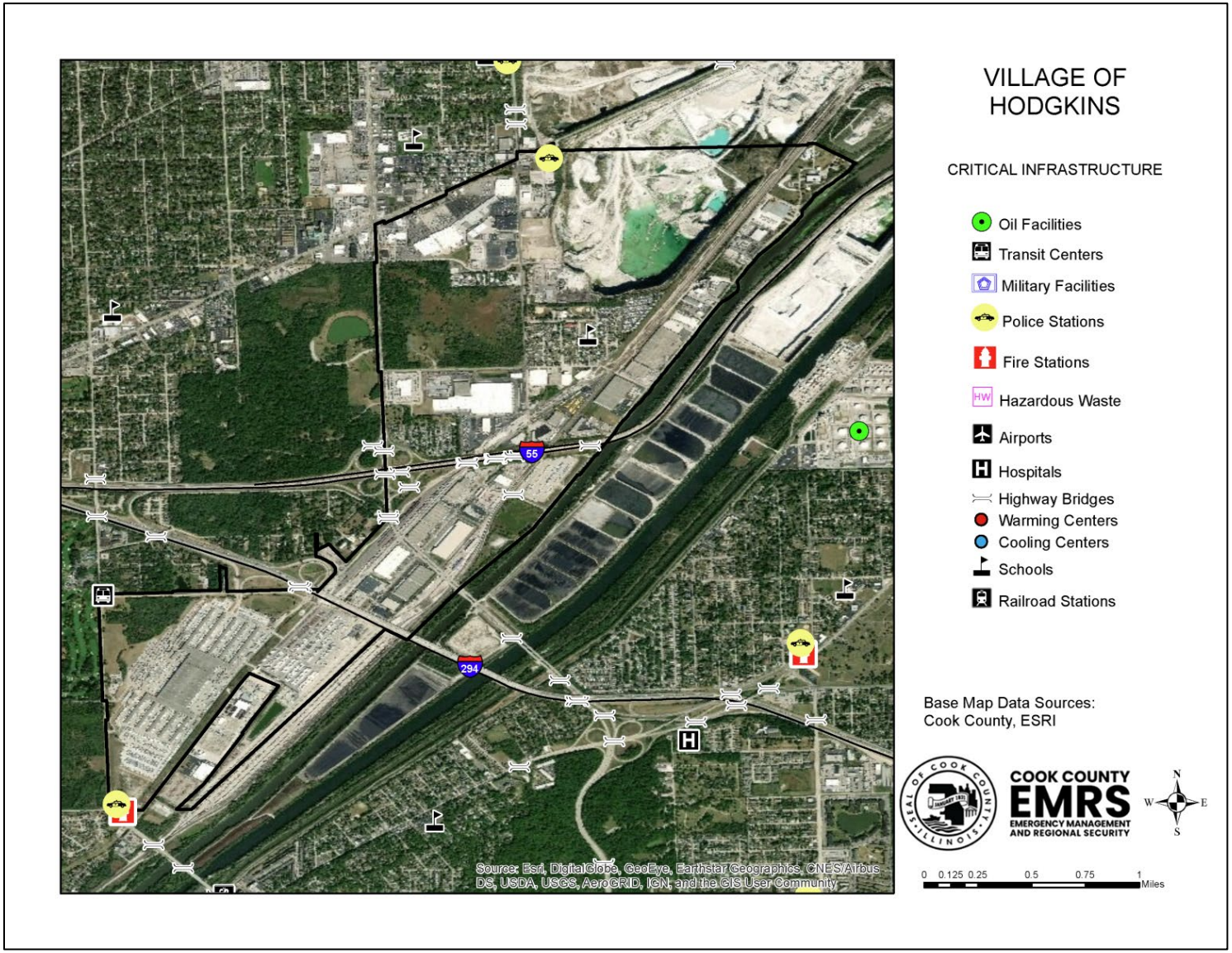
Future Needs to Better Understand Risk/Vulnerability

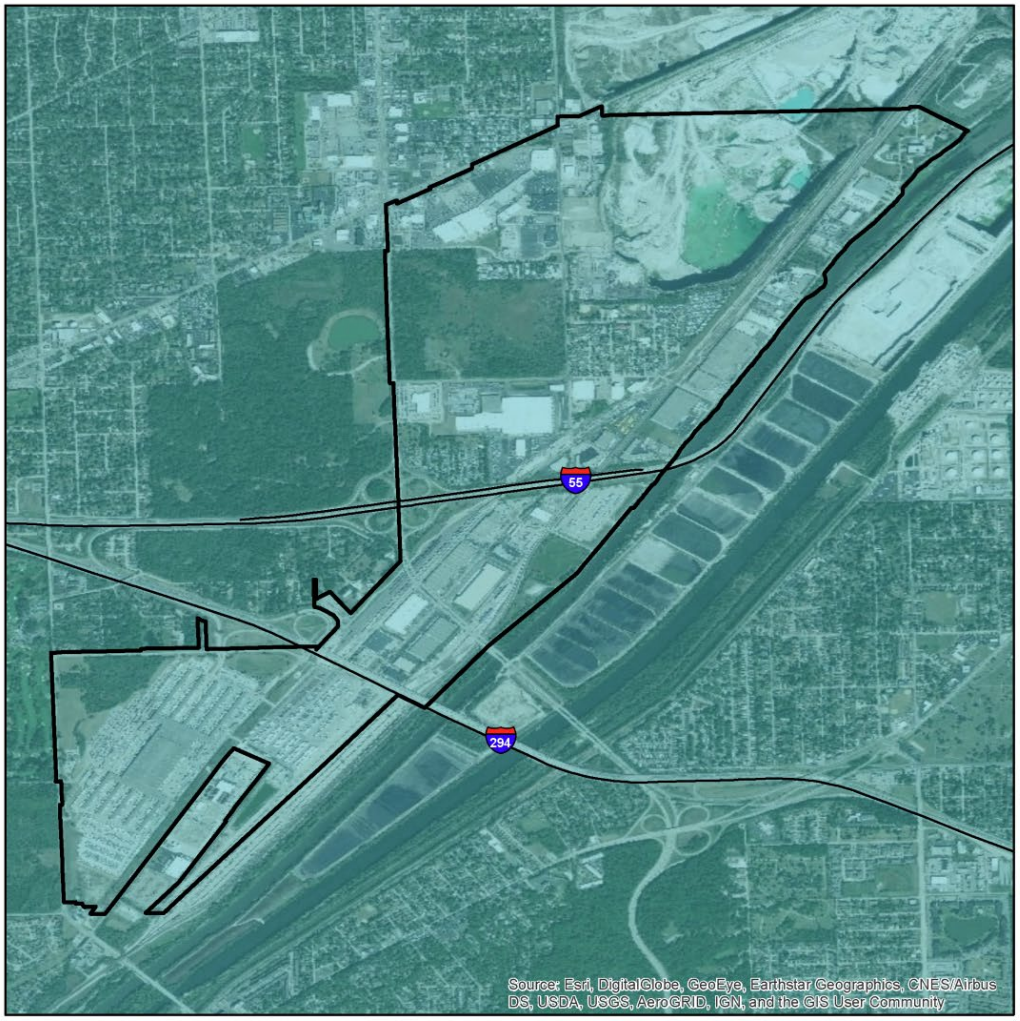
No needs have been identified at this time.

Additional Comments

No additional comments at this time.

Hazard Mapping





VILLAGE OF HODGKINS

PEAK GROUND ACCELERATION FOR A 100 YEAR EARTHQUAKE EVENT

Mercalli Scale, Potential Shaking

II-III Weak

Data provided by the USGS Earthquake Hazards Program and Cook County.

Probabilistic seismic-hazard maps were prepared for the conterminous United States for 2014 portraying peak horizontal acceleration and horizontal spectral response acceleration for 0.2- and 1.0-second periods with probabilities of exceedance of 10 percent in 50 years and 2 percent in 50 years. All of the maps were prepared by combining the hazard derived from spatially smoothed historical seismicity with the hazard from fault-specific sources. The acceleration values contoured are the random horizontal component. The reference site condition is firm rock, defined as having an average shear-wave velocity of 760 m/s in the top 30 meters corresponding to the boundary between NEHRP (National Earthquake Hazards Reduction program) site classes B and C.

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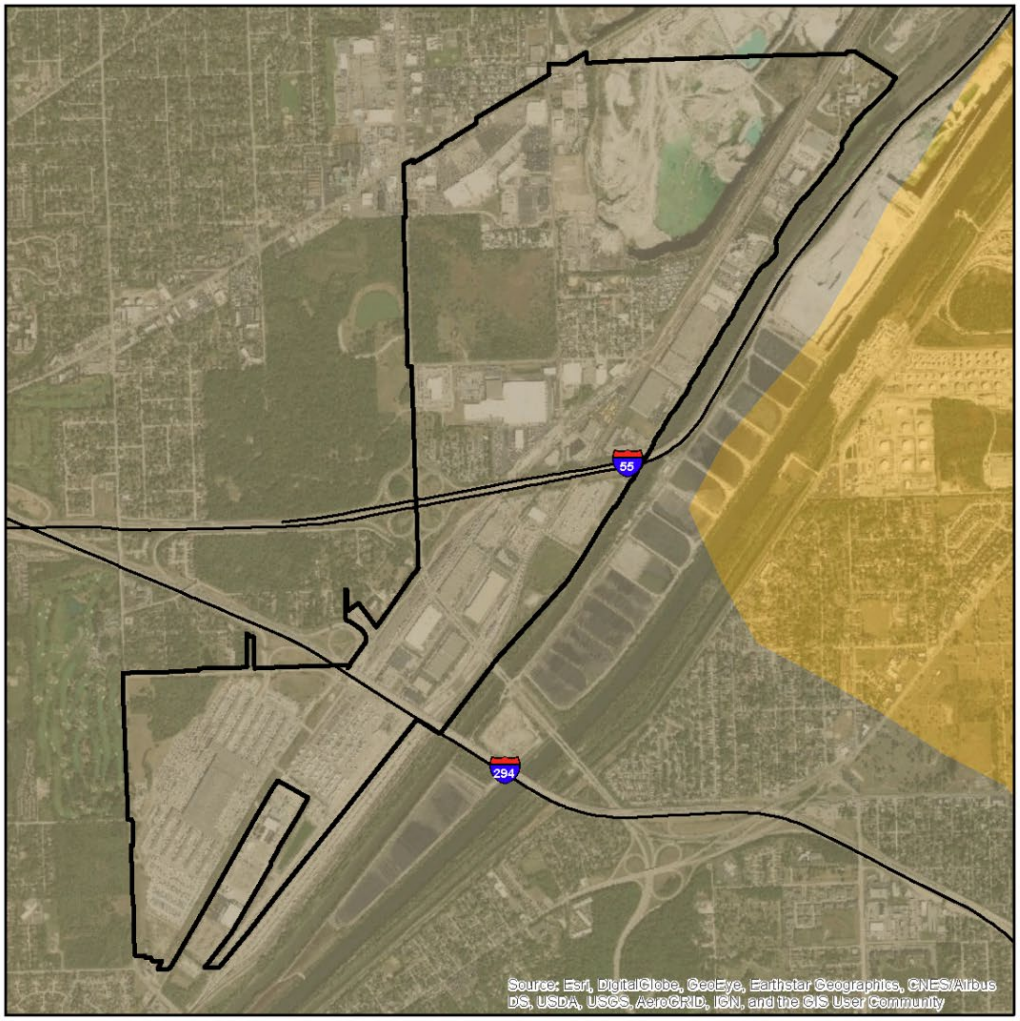
COOK COUNTY EMRS
EMERGENCY MANAGEMENT AND REGIONAL SECURITY

N W E S

0 0.125 0.25 0.5 0.75 1 Miles



VILLAGE OF HODGKINS

NATIONAL EARTHQUAKE HAZARD REDUCTION PROGRAM (NEHRP) SOIL CLASSIFICATION

TYPE

- C - Very Dense Soil, Soft Rock
- D - Stiff Soil
- F- Site Specific Evaluation

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 Map and a Soil Response Map for the 8 states to be used in the FEMA New Madrid Catastrophic Planning Initiative Phase II work. The USGS Geologic Investigation Series I-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 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 Safety 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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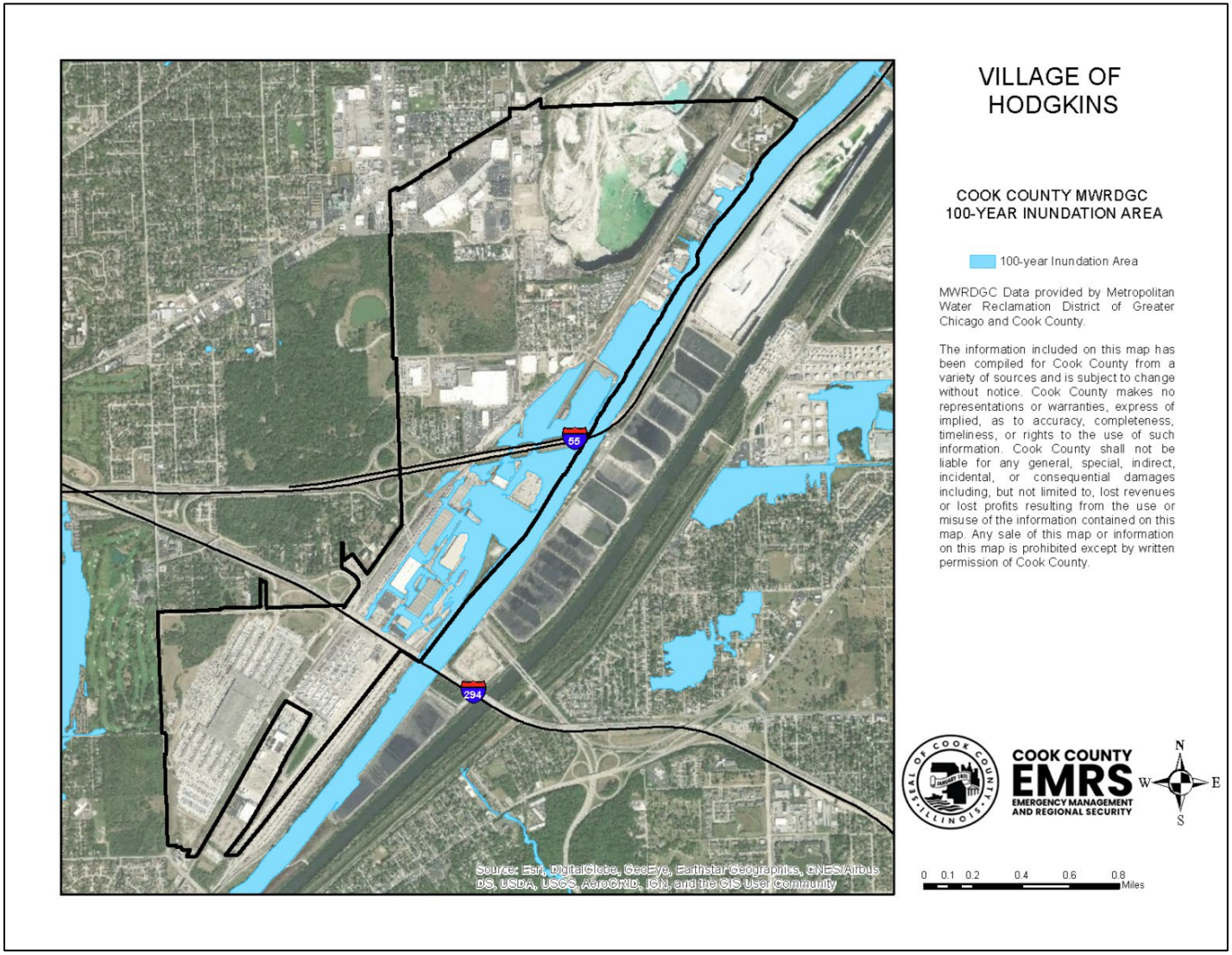
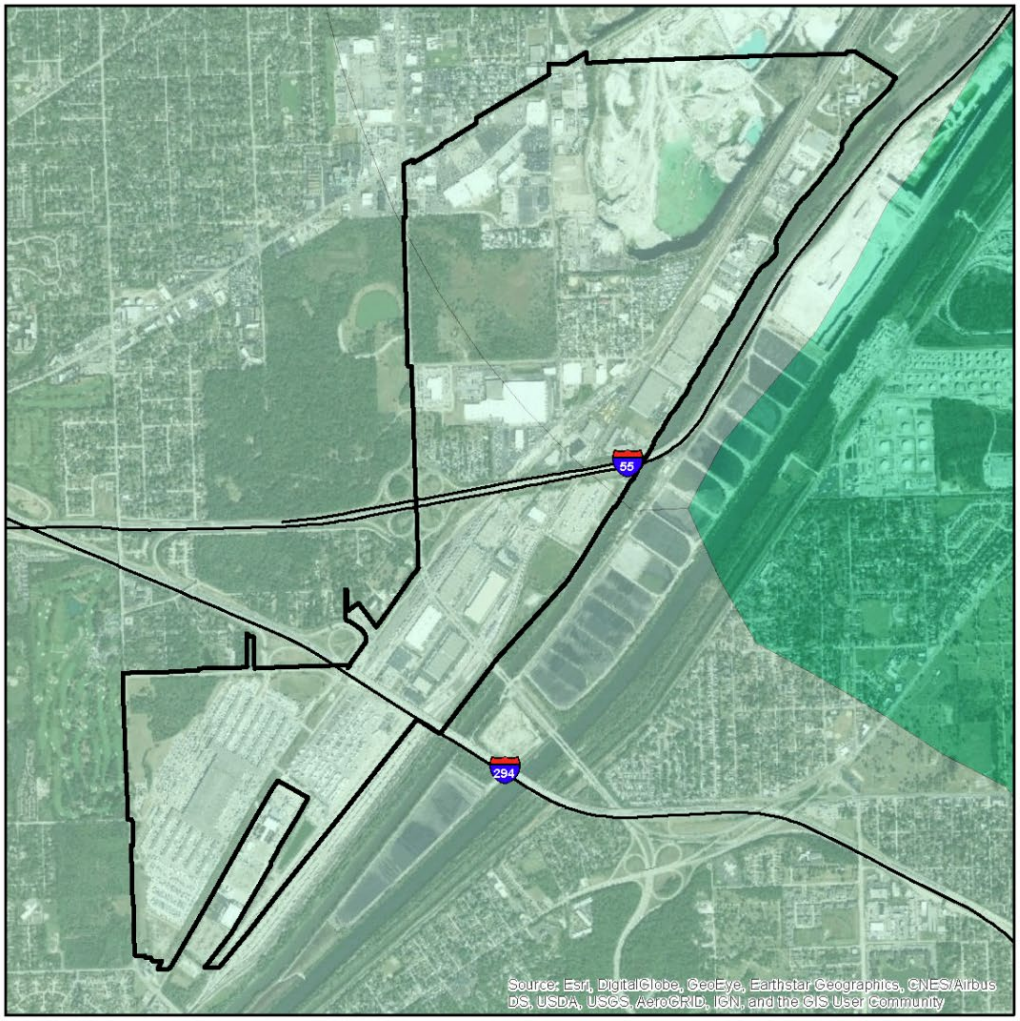
N
W E
S

0 0.1 0.2 0.4 0.6 0.8 Miles

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.





VILLAGE OF HODGKINS

LIQUEFACTION SUSCEPTIBILITY

LIQUEFACTION SUSCEPTIBILITY

- high
- low
- very low

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

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EMERGENCY MANAGEMENT AND REGIONAL SECURITY

N W E S

0 0.1 0.2 0.4 0.6 0.8 Miles

VILLAGE OF HODGKINS

100- AND 500- YEAR TORNADO EVENTS

Magnitude

4 (100 year event)

5 (500 year event)

Historic tornado data provided by NOAA/NWS showing the initial points and paths of all F4 and F5 events observed from 1950 to 2017.

COOK COUNTY EMRS
EMERGENCY MANAGEMENT AND REGIONAL SECURITY

N W E S

0 0.1 0.2 0.4 0.6 0.8 Miles