Skokie

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: Incorporated as Niles Center in 1888

Current Population: The 2020 U.S. Census population was 67,824. The 2022 U.S. Census estimate indicated the population was 65,497.

Population Growth: The overall population has increased by 3.50% between 2018 and 2022.

Location and Description: The Village of Skokie is located 16 miles northwest of downtown Chicago and 12 miles east of O'Hare International Airport. Skokie is a largely populated Village with 65,000 residents, 24,000 households and 1,925 businesses that call Skokie their home. The Village of Skokie covers 10.06 square miles of land and is bordered by the Villages of Glenview and Wilmette on the north, the Village of Lincolnwood and the City of Chicago on the south (West Rogers Park and Edgebrook neighborhoods), the Villages of Morton Grove and Niles on the west and the City of Evanston on the east. Accessibility to transportation is a key advantage in Skokie, with the Edens Expressway (I-94) spanning the community's western edge, seven Chicago Transit Authority and 10 Pace suburban bus lines, and the CTA's Skokie Swift rail line offering numerous options for public transportation.

Brief History: Known as Niles Center for 52 years, Skokie was incorporated in 1888 as a thriving community with many homes, places of worship, schools and shops. In the early 1900s, the village was known for its vegetable farms, greenhouses and saloons. Population increases were modest during the early 1900s. Land annexations nearly increased the village to its present 10.06 square miles. By 1920, subdivisions spurred by construction of the Chicago and North Shore Railway (electric) to Waukegan (presently Skokie Swift connection) and construction of the Chicago and North Western Railway tracks further expanded the village population. By the 1950s, Skokie hosted three interchanges of the Eden's Expressway, Chicagoland's first Expressway, with the village's population skyrocketing to 59,364 by 1960. The village became an attractive new home for

companies leaving nearby Chicago. Careful city planning has led to productive growth of the Village. Today, the Village of Skokie is a community represented by an urban/suburban lifestyle.

Climate: Annual temperatures in Skokie are currently 49.41°F annually and have been warming in Illinois between 1980-2010 by approximately 1.13° F. Temperature increases have been more sharply felt in the winter season (currently 25.5°F) with an increase of 2.27°F. From 1980 through 2018, besides the increase in annual average temperature, Skokie has experienced an increase in the number of days above 95 degrees (2 days), an increase in the number of heavy rain events (34%), and a decrease in the number of days below 32 degrees (-9 days). This creates less spring snow cover and earlier thaw dates resulting in more rapidly warming soil. The cumulative effects is a shift of USDA Hardiness zones from zones 5 to Zone 6. Some of the most significant changes in the climate relate to variability. Climate variability can be seen in the changes in annual precipitation for Skokie. Overall annual precipitation has increased; however, this increase is not evenly distributed throughout the year. Fall and Winter precipitation have increased up to 15.5%, while Spring and Summer precipitation have remained nearly unchanged.

Governing Body Format: The Village of Skokie is a home-rule community under the 1970 Illinois Constitution. Skokie's Council-Manager form of government was inaugurated in 1957, when residents overwhelmingly voted to adopt the Council-Manager form. The Village Manager functions as the Chief Administrative Officer of the Village. It is the Manager's responsibility to enforce all Village ordinances, recommend policy alternatives to the Board and prepare an annual budget. This body of Government will assume the responsibility for the adoption and implementation of this plan. The Village Manager directs and coordinates the activities of all Village Departments except the Corporation Counsel Department which, like advisory commissions, reports directly to the Mayor and Board of Trustees. There are seven positions on the Board of Trustees, including the Mayor and six Trustees. A Village Clerk is also elected. Each elected official serves a four-year term. There are 87 voting precincts in Skokie all elected positions are elected at-large. Skokie operates 12 village departments including: Community Development, Corporation Counsel, Economic Development, Finance Department, Fire Department, Health Department, Human Services, Personnel, Police Department, Public Works Department, Purchasing, and the Village Manager's Office.

Development Trends: Building activity has remained strong in Skokie in both new developments and investment in existing structures. During COVID, the Village saw stable permit activity for homeowners investing in their homes. Additionally, investments in commercial centers like Old Orchard and the development to new mixed-use developments such as The Boulevard on Skokie Blvd and The Highpoint at 8000 North. Existing industrial buildings continue to be in high demand for use by small companies and are being purchased and modernized. Institutional uses, such as the hospital and schools, are remodeling and expanding. The Village of Skokie adopted its comprehensive plan in March of 2007, but has continued to make updates since that time. Recent additions include an environment chapter and a forthcoming updated chapter on housing. The plan still divides the Village into neighborhoods with specific redevelopment plans. The Village continues to place strong emphasis on the redevelopment of the Downtown with the development of a mixed-use hotel located on Oakton Street next to the Illinois Science & Technology Park. Once finalized, it will bring over 100,000 visitors to Skokie annually. Skokie currently is in the process of updating a corridor plan for Main Street to assist in the updating of this commercial corridor and return vibrancy to this neighborhood.

Changes in Community Priorities: The Village completed its 2022 Environmental Sustainability Plan (ESP), which guides community sustainability efforts through 2030. The ESP builds on the Village's 2017 plan and establishes a more aggressive strategy for reducing carbon emissions while implementing action items that mitigate the impact of climate change. The plan calls special attention to strategies that will support vulnerable populations.
The Village of Skokie's Environmental Sustainability Plan (2022) contains strategies and action items that specifically address community resilience in response to severe weather, including: Extreme heat and cold, flooding, emergency preparedness, public information, power/infrastructure failure impacts, and emergency management. Skokie's Climate Vulnerability Assessment pointed out that the projected changes to the community's climate in the coming decades represent potential risks to residents. These risks are inequitably felt and are particularly acute in populations especially vulnerable to them such as children, seniors, and those with disabilities. Some populations, including aging adults, children, persons with disabilities, economically stressed, non-English speakers, homeless persons, and workers employed in climate-exposed jobs are particularly vulnerable to extreme weather, natural disasters, and the health, supply chain, and economic impacts of climate change. Many of these individuals also have limited access to the information, services, and resources needed to ensure resilience in the face of these impacts. Areas within the community with increased flood risk, air quality impacts, compromised tree canopy coverage, and older housing stock with insufficient air conditioning are vulnerable environments with heightened exposure to climate change risks and compromised capacity to adapt. Vulnerable populations are often disproportionately represented within the portions of communities with the greatest risks of climate impacts like flooding or micro-heat island effects. Meanwhile, they also frequently lack resources or opportunities to improve the resilience of their surroundings. The Sustainability Plan outlines many goals to mitigate these climate risks to these vulnerable populations.

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 the *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	08-C-3613, 4/7/08
Zonings	Yes	No	No	Yes	08-C-3613, 4/7/08
Subdivisions	Yes	No	No	No	09-6-C-3683, 6/15/09

Stormwater Management	Yes	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. 13-10-C-4010 10/7/13 MWRD
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	Village of Skokie Health Department 13-10-C-4010 10/7/13
Public Health and Safety	Yes	No	Yes	Yes	VOS Code Chapter 54
Environmental Protection	Yes	No	No	No	08-12-C-3652
Planning Documents					
General or Comprehensive Plan	Yes	No	No	No	03-12-Z-3233 12/1/03
Is the plan equipped to provide integration to this mitigation plan?					Yes, Plan includes land use and redevelopment components.
Floodplain or Basin Plan	Yes	No	No	No	08-8-C-3631 GIS Plan
Stormwater Plan	Yes	No	No	No	08-22-1977 Completed
Capital Improvement Plan	Yes	No	No	No	Part of Annual Budget
What types of capital facilities does the plan address?					Village Infrastructure, Facilities & Equipment
How often is the plan revised/updated?					Yes

Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	No	No	Yes	Yes	The Economic Development Department is charged with reviewing all economic development related programs and incentives including tax incentives offered through the Cook County 6b program.
Shoreline Management Plan	No	No	No	No	
Response/Recovery Planning					
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	Yes	No	No	No	The Village of Skokie has its own Health Department

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	Community Development/ Planner
Engineers or professionals trained in building or infrastructure construction practices	Yes	Engineering/Civil Engineer
Planners or engineers with an understanding of natural hazards	Yes	Engineering/Civil Engineer
Staff with training in benefit/cost analysis	Yes	Public Works/Assistant to Director
Surveyors	No	
Personnel skilled or trained in GIS applications	Yes	Skokie GIS Consortium Staff and Cook County GIS Consortium
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Fire Chief is Emergency Management Coordinator, Cook County EMRS, IEMA & FEMA
Grant writers	No	Non-Specific – Each Village Department Manages their own with support from Village Manager's Office and Village of Skokie Finance Department

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE	
What department is responsible for floodplain management in your jurisdiction?	Engineering
Who is your jurisdiction's floodplain administrator? (department/position)	Engineering
Are any certified floodplain managers on staff in your jurisdiction?	Engineering/Village Engineer
What is the date of adoption of your flood damage prevention ordinance?	No
When was the most recent Community Assistance Visit or Community Assistance Contact?	2008 - Northern IL Floodplain Ordinance
Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are.	8/22/2012
Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why)	No
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?	Yes

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

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.

The following are the NFIP-related activities completed by our community:

- Our staff provide the following services: permit reviews, GIS, inspections, engineering capability.
- My community teaches property owners or other stakeholders about the importance of flood insurance through public outreach events, workshops, and/or seminars.
- Our community enforces local floodplain regulations and monitors compliance.

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:

Pursuant to authority granted by the Illinois Municipal Code, 65 ILCS 5/1-2-1, 5/11-12-12, 5/11-30-2, 5/11-30-8 and 5/11-31-2 (2006), the Village hereby adopts by reference the Northern Illinois Model Floodplain Ordinance 2008, as modified, pursuant to Village Ordinance Number 08-8-C-3631.

TABLE: COMMUNITY CLASSIFICATIONS

	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	4	2007

Public Protection/ISO	Yes	1	2008
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	Yes	N/A	2017

Opportunities to Expand and Improve Capabilities

Opportunities to expand and improve capabilities include: In 2022, the Village of Skokie adopted its Environmental Sustainability Plan, which has identified the need for mitigation strategies that prioritize populations particularly vulnerable to climate change. Through the ESP, the Village of Skokie has identified several opportunities to expand or improve its current capabilities to meet the needs of vulnerable populations within the Village. Additionally, the Village is in the process of updating its Emergency Operations Plan, which has also presented opportunities to address gaps in its emergency management services.

The Village's Environmental Sustainability Plan requires Village staff to be trained in new technologies, practices, policies, and procedures that will support the plan's goals and ensure the reduction of greenhouse gas emissions by 2030. The Plan also dictates that we promote equity in hazard mitigation, emergency response, and recovery activities considering populations most vulnerable to weather-related emergencies in all plans. The plan also specifies multiple action items to mitigate the effects of climate change, mostly through building resilience, green infrastructure measures and nature-based technologies to reduce the effects of extreme heat and flooding. The Stormwater Master Plan will likely include the implementation of new projects, policies, and procedures requiring funding, training, and support from internal and external stakeholders. Village staff require additional training on grant writing/funding and cost/benefit analysis.

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.
- The hazards, goals, and actions of the Hazard Mitigation Plan will be considered in the next update of the Comprehensive Plan.
- 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.

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: 3 (2 Single Family, 1 Two-Four Family Residence)
- Number of FEMA-Identified Severe Repetitive Loss Properties: 2 (2 Other-Residential)
- 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 (reissued monthly through 10/28/2022)	Monkeypox

TABLE: NATURAL HAZARD EVENTS			
Type of Event	**FEMA Disaster Number (if applicable)**	**Date**	**Preliminary Damage Assessment/ Event Narrative**
Severe Weather	-	07/02/23	Storms caused minor urban flooding, impacting streets and building basements
Severe Storms/High Winds	-	2022	NA
Severe Storms/High Winds	-	August 28 & 29 and November 5, 2022	Storms caused moderate damage, downed trees and power lines, and localized power outages.
Extreme Cold/High Winds	-	December 24-30, 2022	Storms caused more than a dozen frozen/broken

			pipes, mostly commercial building sprinkler systems
Severe Weather/High Winds	-	August 9 & 10, 2021	Storms caused significant damage to the community with downed trees, branches, and power lines, and damage to private property.
Severe Weather	-	8/25/2014	-
Flash Flooding	-	6/21/2014	-
Severe Weather	-	Annual Events Typical	Storms cause urban flooding, impacting streets and building basements – High winds cause power outages, fallen trees and structural damage
Severe Winter Weather	-	Annual Events Typical	Heavy snows impact streets and ice conditions impact electric utilities
Severe Storms	DR-4116	2013	-
Severe Winter Storms	DR-1960	2011	-
Severe Storms/Flooding	DR-1935	2010	-
Severe Storms/Flooding	DR-1800	2008	-
Severe Storms/Flooding	DR-1729	2007	-
Severe Winter Storm	EM-3161	2000	-
Winter Snow Storm	EM-3134	1999	-
Flooding	DR-1188	1997	-
Flooding	DR-1129	1996	-
Severe Storms/Flooding	DR-997	1993	-
Severe Storms/Flooding	DR-798	1987	-
Severe Storms/Flooding	DR-776	1986	-

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.

Drought: During extended drought in the summer time it causes an increase in water main breaks throughout the Village of Skokie.

Flood: The Village of Skokie has two key roads that are prone to flooding: Skokie Blvd (Highway 41) viaduct South of Oakton Street and McCormick Blvd. (mostly South of Howard St). Also, despite maintaining existing flood control systems, we experience flooding at Devonshire Park, Touhy Ave, and areas south of Touhy. The Village of Skokie Flood Map elaborates on specific areas of vulnerability.

Extreme Heat: These events have caused elderly housing facilities and existing shelters (cooling centers) to lose power and emergency power is needed to maintain acceptable conditions.
High Winds: We have experienced outages at elderly housing facilities and existing shelters without emergency power. Our community has predominately overhead power lines that are subject to power outages.
Extreme Cold: We have experienced outages at elderly housing facilities and emergency shelters (warming centers) without emergency power, leading the facilities to be unable to maintain acceptable conditions. Previously, during extreme cold events, our shallow water mains have been susceptible to freezing (e.g. Oakton St. east of Crawford during the 2019 Polar Vortex).
Ice Storms: Similar to the impacts of high winds, our Village's predominately overhead power lines are vulnerable to ice damage.
Severe Weather: The lack of 24 hour shelters create a vulnerability to at-risk populations to extreme heat and cold. The Village is vulnerable to flooding in several areas throughout the Village, see Village of Skokie Flood Map.
Tornado: The Village of Skokie lacks shelters to house residents in the event a tornado affects our jurisdiction.
Severe Winter Weather: Skokie has a fairly high population of disadvantage persons that may be particularly vulnerable to extreme cold. Approximately 40% of our community is considered to be disadvantaged, according to the Council on Environmental Quality (CEQ) Climate and Economic Justice Screening Tool (See link to map in section 4.1.9 Hazard Mapping). Additionally, during severe extended cold periods Skokie water mains which are shallow or older cast iron pipes are very susceptible to breaks. These extreme cold periods cause a high percentage of water main breaks which may occur throughout any given year.

Indicator	Number	Percent
Families in poverty	1,377	8%
People with disabilities	6,410	9.7%
People over 65 years	13,573	20.4%
People under 5 years	4,620	6.9%
People of color	34,139	51.2%
Black	6,440	9.7%
Native American	112	0.2%
Hispanic	7,011	10.5%
Difficulty with English	4,835	7.8%
Households with no car	1,844	7.8%
Mobile homes	44	0.2%

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

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

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	Remained the Same
Earthquake	Remained the Same
Flood (Riverine, Urban, Shoreline)	Increased

Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Wings)	Remained the Same
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	Remained the Same
Tornado	Remained the Same
Wildfire (Wildfire Smoke)	Not Applicable

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

The Village has experienced modest population growth over the last three U.S. Decennial Census Counts. Development trends in the Village include an increase in residential and mixed-use developments, which are expected to increase the Village's population over the next decade. Our community anticipates that the following future major assets may be exposed or vulnerable to any of the natural hazards identified below:

Natural Hazards:

- Flooding
- Extreme Heat
- High Winds and Extreme Weather
- Extreme Cold
- Ice Storms
- Air Quality

Assets:

- People
- Structures
- Economy
- Community lifelines and other critical facilities
- Natural resources

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	Flood
3	Severe Winter Weather
4	Tornado
5	Drought
6	Earthquake
7	Dam Failure

New Mitigation Actions

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

Action S-4.18

Mitigation Action #18: Increase Resilience of Community-Wide Building Stock					
Lead Agency/Department Organization: Community Development, Community Development Director	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:** General Fund Hazard Mitigation Grant Program (HMGP) Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance (FMA) Program FEMA Public Assistance (PA)	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** Flood (Riverine, Urban, Coastal/Shoreline) Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds)
Year Initiated	2024				
Applicable Jurisdiction	Village of Skokie				
Applicable Goal	1,2,5				
Applicable Objective	2,3,6,7,8,12,13				
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)	Medium
Action/Implementation Plan and Project Description:	Increase resilience of community-wide building stock to the impacts of climate change (increased flood control and green infrastructure, etc), prioritizing highlighted in the Skokie Climate Vulnerable Populations Maps (See section 4.1.9 Hazard Mapping) that identifies "Climate Vulnerable" populations.
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

Action S-4.19

Mitigation Action #19: Upgrade Village of Skokie siren notification system.					
Lead Agency/Department Organization: Police Department, 9-1-1 Communication Director	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund Hazard Mitigation Grant Program (HMGP)	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** All
Year Initiated		2025			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,3,6			
Applicable Objective		1,5,13			
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:	Upgrade Village of Skokie siren notification system.
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

Action S-4.20

Mitigation Action #20: Increase tree cover					
Lead Agency/Department Organization: Public Works, Village Forester	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund, USDA-IRA Grant	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds)
Year Initiated		2024			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,5			
Applicable Objective		3,12,13			
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:	Increase tree cover, particularly in the priority neighborhoods with an equity approach, highlighted in the Skokie Climate Vulnerable Populations Maps (See section 4.1.9 Hazard Mapping) that identifies "Climate Vulnerable" populations.
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

Action S-4.21

Mitigation Action #21: Reduce heat island effect through community-wide "dark" impervious surface coverage reduction					
Lead Agency/Department Organization: Community Development, Community Development Director	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** General Fund, BRIC	**Estimated Projected Completion Date:** Ongoing	**Hazard(s) Mitigated:** Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds)
Year Initiated		2024			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,5			
Applicable Objective		3,12,13			
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:	Reduce heat island effect through community-wide "dark" impervious surface coverage reduction using green infrastructure or pavement type or both. Reductions will be prioritized in neighborhoods identified with higher heat island impacts, according to the Village's Ground Cover Study.
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

Action S-4.22

Mitigation Action #22: Update design standards and implement plans					
Lead Agency/Department Organization: Public Works Engineering, Village Forester	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** Hazard Mitigation Grant Program (HMGP) Building Resilient Infrastructure and Communities (BRIC)	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** Flood (Riverine, Urban, Coastal/Shoreline)
Year Initiated		2024			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,5			
Applicable Objective		2,9,10,11,12,13			
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:	Update design standards and implement plans to meet projected climate change storm water and flood mitigation requirements such as integrating green infrastructure like rain gardens, bioswales and permeable pavement according to the Village's Ground Cover Study.
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

Action S-4.23

Mitigation Action #23: Install re-deployable solar microgrid systems for resilient power use					
Lead Agency/Department Organization: Village Manager's Office, Sustainability Coordinator	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Medium	**Potential Funding Source:** Inflation Reduction Funding, Federal Tax Credits	**Estimated Projected Completion Date:** Long-term	**Hazard(s) Mitigated:** All Hazards
Year Initiated		2024			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,3,4,5,6			
Applicable Objective		1,2,6,13			
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:	Install re-deployable solar microgrid systems for resilient power use in community emergency management and hazard/disaster response. Systems to be semi-permanently installed at public facilities to provide day-to-day power and re-deployed in emergency response or permanently installed via rooftop solar with battery storage capabilities.
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

Action S-4.24

Mitigation Action #24: Provide grant writing training for Village staff to enable effective pursuit of funding for hazard mitigation projects.					
Lead Agency/Department Organization: Manager's Office, Assistant Village Manger	**Supporting Agencies/ Organizations:**	**Estimated Cost:** Low	**Potential Funding Source:** General Fund	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** All
Year Initiated		2024			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		2,3,4			
Applicable Objective		1,12			
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:	Provide grant writing training for Village staff to enable effective pursuit of funding for hazard mitigation projects.
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

The following are ongoing actions with no definitive end or that are still in progress. During the 2024 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed.

Action S-4.1

Mitigation Action #1: 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 and areas highlighted in the Skokie Climate Vulnerable Populations Maps (See section 4.1.9 Hazard Mapping) that identifies "Climate Vulnerable" populations.					
Lead Agency/Department Organization: Village Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** High	**Potential Funding Source:** FEMA Hazard Mitigation Grants, HMGP, BRIC, FMA	**Estimated Projected Completion Date:** Long-term (depending on funding)	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,3			

Applicable Objective	7,12, 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	O

Action S-4.2

Mitigation Action #2: Continue to support the countywide actions identified in this plan.					
Lead Agency/Department Organization: Village 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 Skokie			
Applicable Goal		1,5			
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:	
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 S-4.3

Mitigation Action #3: Actively participate in the plan maintenance strategy identified in this plan.					
Lead Agency/Department Organization: EMRS, Village Administration	**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 Skokie			
Applicable Goal		1,5			
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:					
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;		O Submitted / Submit Annual Reports			

R = Want Removed from Annex; **X** = No Action Taken/Delayed	

Action S-4.4

Mitigation Action #4: Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.					
Lead Agency/Department Organization: Village 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 Skokie			
Applicable Goal		1,2,3,5,6			
Applicable Objective		3, 4, 5, 6, 7, 9, 10, 11, 13			
Cost Analysis (Low, Medium, High)		Low			
Priority and Level of Importance (Low, Medium, High)		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; **O** = Ongoing Indefinitely; **C** = Project Completed; **R** = Want Removed from Annex; **X** = No Action Taken/Delayed		O 2022: Continued participation in the Tree City program through 2022			

Action S-4.5

Mitigation Action #5: 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 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 Skokie			
Applicable Goal		1,2,5			
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:					
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 S-4.7

Mitigation Action #7: Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment while prioritizing the areas highlighted in the Skokie Climate Vulnerable Populations Maps (See section 4.1.9 Hazard Mapping) that identifies "Climate Vulnerable" populations.					
Lead Agency/Department Organization: Village Administration/Community Development/Public Works	**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 Skokie			
Applicable Goal		1,2,3,5			
Applicable Objective		4,12, 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)		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		O 2024 Update: Resilience planning is part of the Skokie Environmental Sustainability Plan adopted in 2022.			

Action S-4.8

Mitigation Action #8: Actively pursue the installation of an emergency generator to support the shelter at Skokie Park District – Weber Center.

Lead Agency/Department Organization: Village Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** $250,000; High	**Potential Funding Source:** General Fund, CIP, BRIC, HMGP, FMA	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** All
Year Initiated		2014			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,3			
Applicable Objective		1,2			
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:					
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 S-4.9

Mitigation Action #9: Sewer system improvements, professional engineering services to supplement the engineering division for programmed multitier combined sewer system improvements. This is an annual expenditure with $1,000,000 for sewer rehabilitation and the balance used for engineering services and sewer infrastructure videoing.					
Lead Agency/Department Organization: Village Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** $1,000,000; High	**Potential Funding Source:**	**Estimated Projected**	**Hazard(s) Mitigated:**

			General Fund, CIP, BRIC, HMGP, FMA	**Completion Date:** Long-term	Urban Flooding, Severe Weather
Year Initiated		2014			
Applicable Jurisdiction		Village of Skokie			
Applicable Goal		1,2,3			
Applicable Objective		1, 2			
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)		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; **O** = Ongoing Indefinitely; **C** = Project Completed; **R** = Want Removed from Annex; **X** = No Action Taken/Delayed		O			

Action S-4.10

Mitigation Action #10: Analyze and mitigate specific flood control system issues including basement backups and serious overland flooding cases toward reasonable solutions through system redesign if necessary while prioritizing the areas highlighted in the Skokie Climate Vulnerable Populations Maps (See section 4.1.9 Hazard Mapping) that identifies "Climate Vulnerable" populations.					
Lead Agency/Department Organization: Village Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** $45,000; Medium	**Potential Funding Source:** General Fund, FMA	**Estimated Projected Completion Date:**	**Hazard(s) Mitigated:** Urban Flooding,

				Long-term	Severe Weather
Year Initiated	2014				
Applicable Jurisdiction	Village of Skokie				
Applicable Goal	1,2,3				
Applicable Objective	1, 2, 9, 12				
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 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 2023: We are exploring establishing an overhead sewer conversion assistance program in 2024. 2024: Basement backup data was included in stormwater modeling and the Stormwater Task Force is reviewing recommendations.				

Action S-4.12

Mitigation Action #12: Actively pursue the installation of a generator or solar microgrid system to support the use of a shelter at North Shore Center for Performing Arts, Village of Skokie					
Lead Agency/Department Organization: Village Administration	**Supporting Agencies/ Organizations:**	**Estimated Cost:** $180,000; High	**Potential Funding Source:** BRIC, HMGP, FMA	**Estimated Projected Completion Date:** Short-term	**Hazard(s) Mitigated:** Flood, Extreme Heat, Lightning, Hail, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado,

					Widespread Power Outage, Secondary Impacts from Mass Influx of Evacuees
Year Initiated	2019				
Applicable Jurisdiction	Village of Skokie				
Applicable Goal	1,2,3,4,5,6				
Applicable Objective	12				
Cost Analysis (Low, Medium, High)	High—Existing funding will not cover the cost of the project; implementation would require new revenue through an alternative source (for example, bonds, grants, and fee increases).				
Priority and Level of Importance (Low, Medium, High)	Medium				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	The project would ensure that a shelter could be maintained during a major power outage Medium—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:	Installation of a generator or solar microgrid system that would maintain electrical supply for essential building components would allow the use of the North Shore Center for Performing Arts to be utilized as an emergency shelter. Current shelter options do not have an emergency power supply.				
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 S-4.16

<table>
<tr><th colspan="6">Mitigation Action #16: The Village of Skokie established a Stormwater Task Force comprised of residents and Public Works Staff to identify potential flood control modifications and enhancements.</th></tr>
<tr><td>Lead Agency/Department Organization:
Village of Skokie Public Works/Engineering</td><td>Supporting Agencies/ Organizations:
Engineering Firm Consultant</td><td>Estimated Cost:
$400,000</td><td>Potential Funding Source:
Village of Skokie Capital Improvement Program</td><td>Estimated Projected Completion Date:
Short-term</td><td>Hazard(s) Mitigated:
Flood</td></tr>
<tr><td colspan="2">Year Initiated</td><td colspan="4">2014</td></tr>
<tr><td colspan="2">Applicable Jurisdiction</td><td colspan="4">Village of Skokie</td></tr>
<tr><td colspan="2">Applicable Goal</td><td colspan="4">1,2,3,4,5,6</td></tr>
<tr><td colspan="2">Applicable Objective</td><td colspan="4">2,8,9</td></tr>
<tr><td colspan="2">Cost Analysis (Low, Medium, High)</td><td colspan="4">Low—The project could be funded under the existing budget. The project is part of or can be part of an ongoing existing program.</td></tr>
<tr><td colspan="2">Priority and Level of Importance (Low, Medium, High)</td><td colspan="4">High</td></tr>
<tr><td colspan="2">Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)</td><td colspan="4">Identify recurring flood issues and mitigation plans that can be incorporated into the HMP
Medium—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.</td></tr>
<tr><td colspan="2">Action/Implementation Plan and Project Description:</td><td colspan="4">The Village of Skokie established the Stormwater Task Force in 2020 to better identify recurring flood damage/hazards and mitigation strategies. To provide support and professional engineering consulting, the Village budgeted funds in the Capital Improvement Program.</td></tr>
<tr><td colspan="2">Actual Completion Date or Ongoing Indefinite</td><td colspan="4"></td></tr>
<tr><td colspan="2">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</td><td colspan="4">O
2022: The Village of Skokie hired an engineering consultant to create a Stormwater Master Plan highlighting sewer improvements that would increase capacity and reduce adverse events. In 2022, calibration of the hydraulic model was completed, and potential sewer improvement projects that would provide mitigation from a 10-year event were identified. In 2023, the Task Force</td></tr>
</table>

	will consider these projects and other administrative or code changes that would assist in reducing flows to the combined sewers during rain events. 2023: The Task Force reconvened to discuss the work to date and work on the Master Plan continued. We anticipate adoption of the Master Plan in 2024.

Completed Actions

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

Completed Action Items
Install the Devonshire Park Rain Garden & Naturalized Detention Basin at the Skokie Police Headquarters
Green Alley Project - Water Retention

Future Needs to Better Understand Risk/Vulnerability

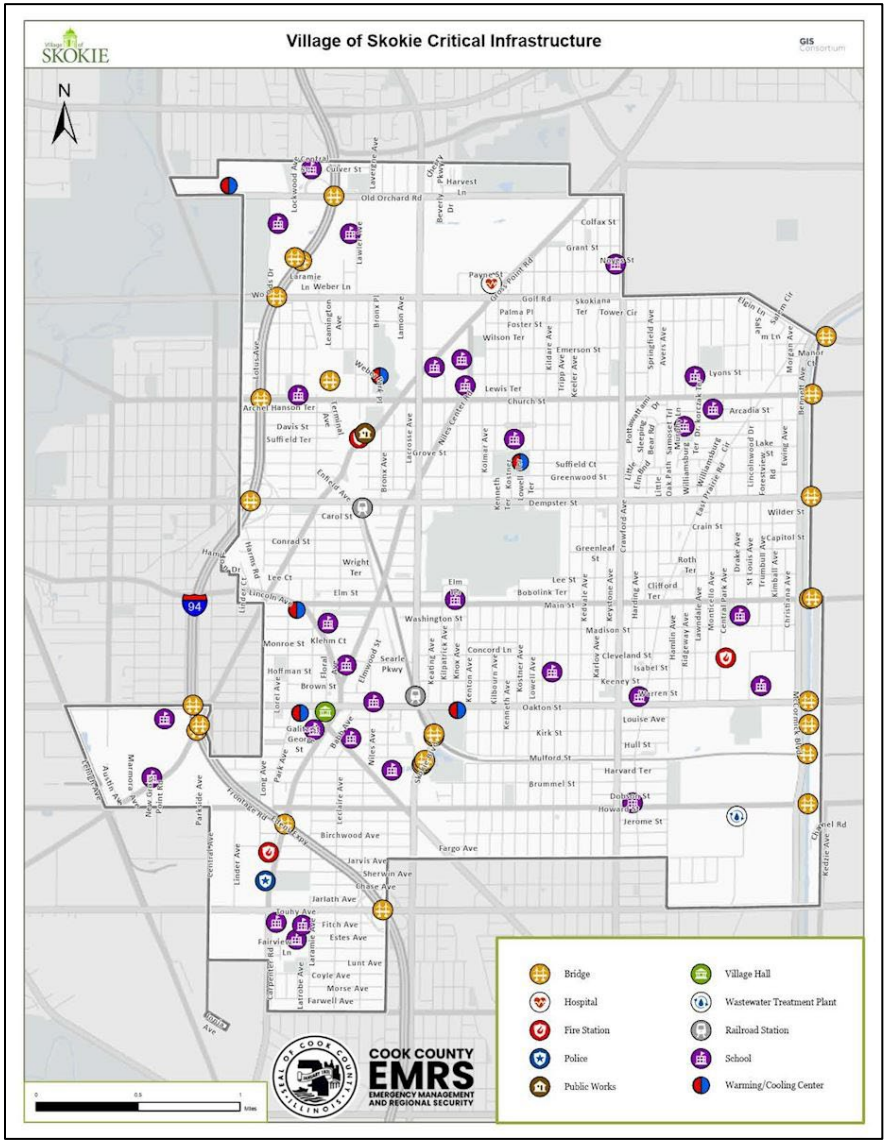
The Village's Environmental Sustainability Plan requires Village staff to be trained in new technologies, practices, policies, and procedures that will support the plan's goals and ensure the reduction of greenhouse gas emissions by 2030. The Stormwater Master Plan will likely include the implementation of new projects, policies, and procedures requiring funding, training, and support from internal and external stakeholders.

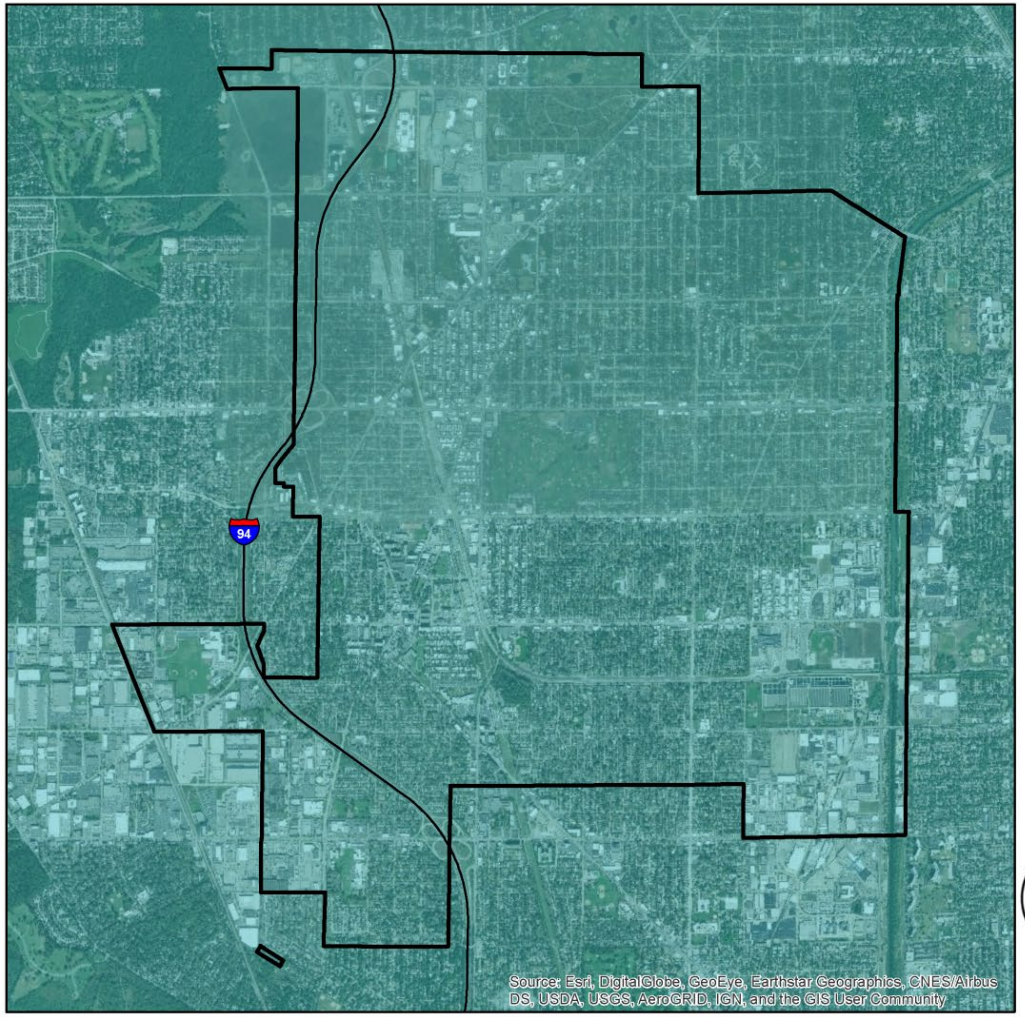
Village staff will require additional training on grant writing/funding and cost/benefit analysis.

Additional Comments

No additional comments at this time.

Hazard Mapping





VILLAGE OF SKOKIE

PEAK GROUND ACCELERATION FOR A 100 YEAR EARTHQUAKE EVENT

Mercalli Scale, Potential Shaking

II-III Weak

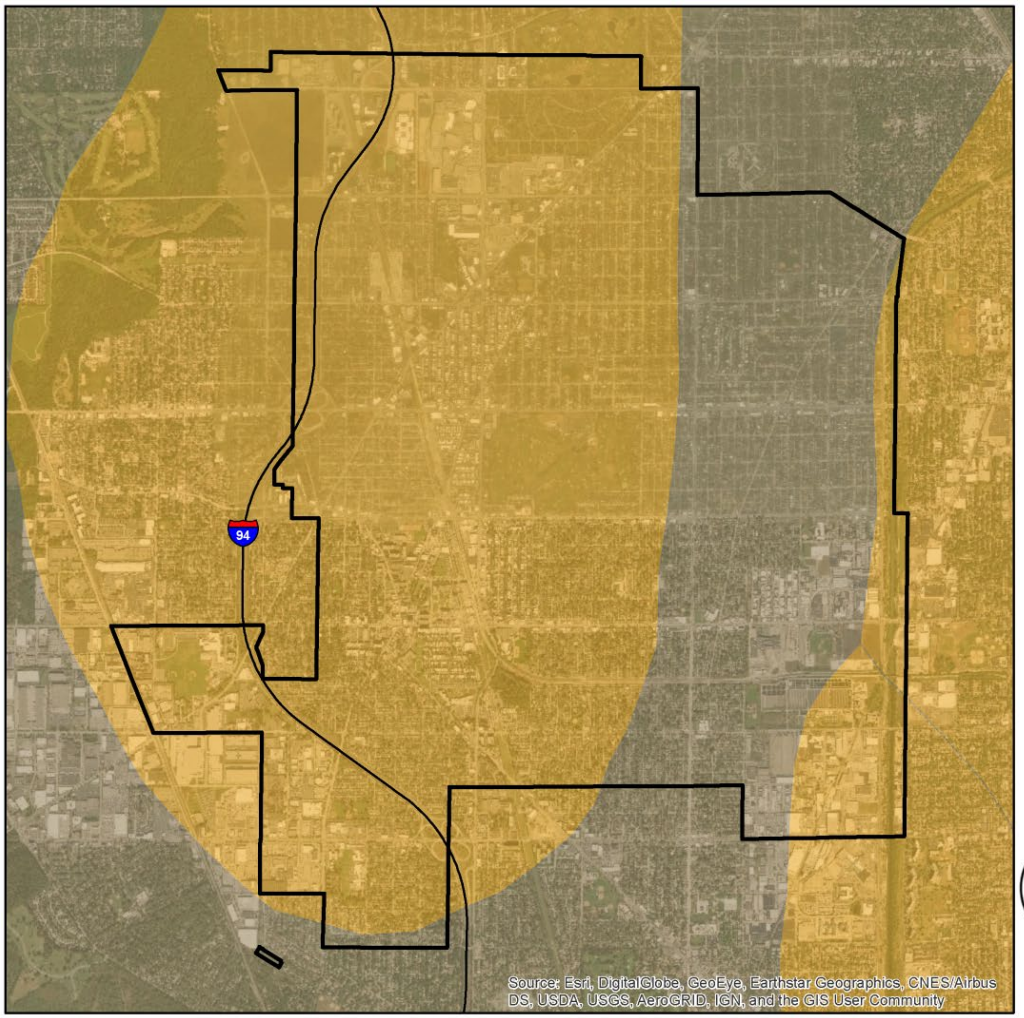
Data provided by the USGS Earthquake Hazards Program and Cook County.

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.

COOK COUNTY EMRS
EMERGENCY MANAGEMENT AND REGIONAL SECURITY

N W E S

0 0.15 0.3 0.6 0.9 1.2 Miles



VILLAGE OF SKOKIE

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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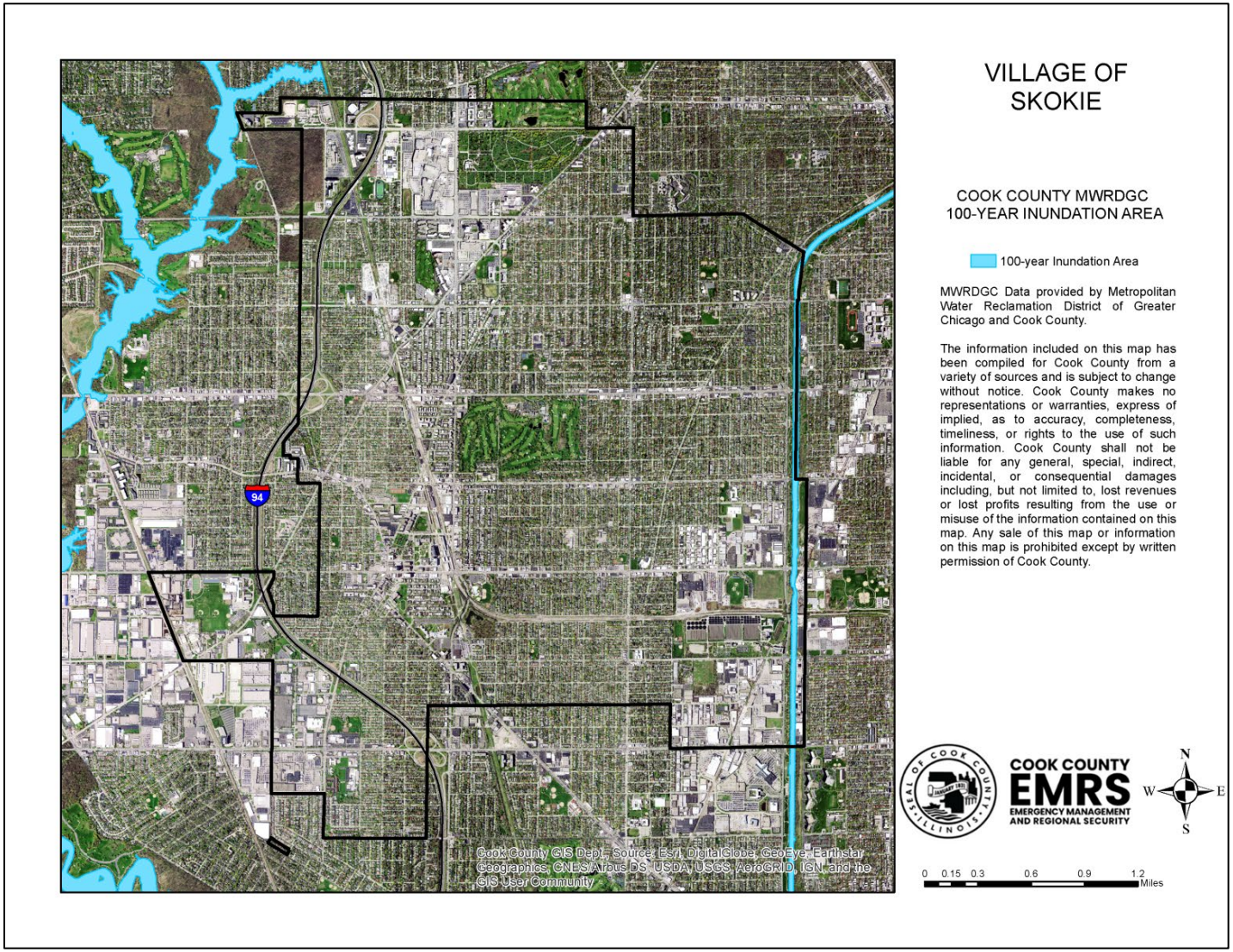
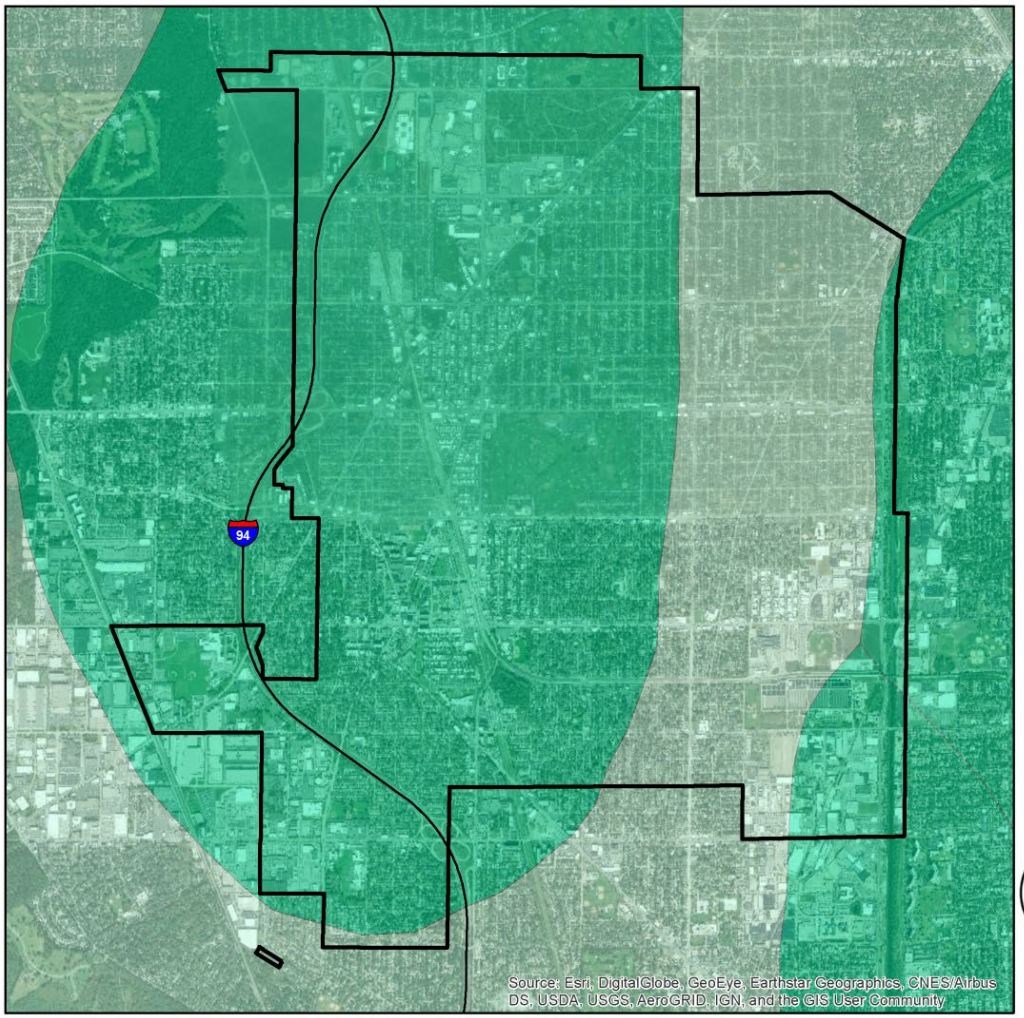
COOK COUNTY EMRS
EMERGENCY MANAGEMENT AND REGIONAL SECURITY

N
W E
S

0 0.15 0.3 0.6 0.9 1.2 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 SKOKIE

LIQUEFACTION SUSCEPTIBILITY

LIQUEFACTION SUSCEPTIBILITY

- high
- low
- very low

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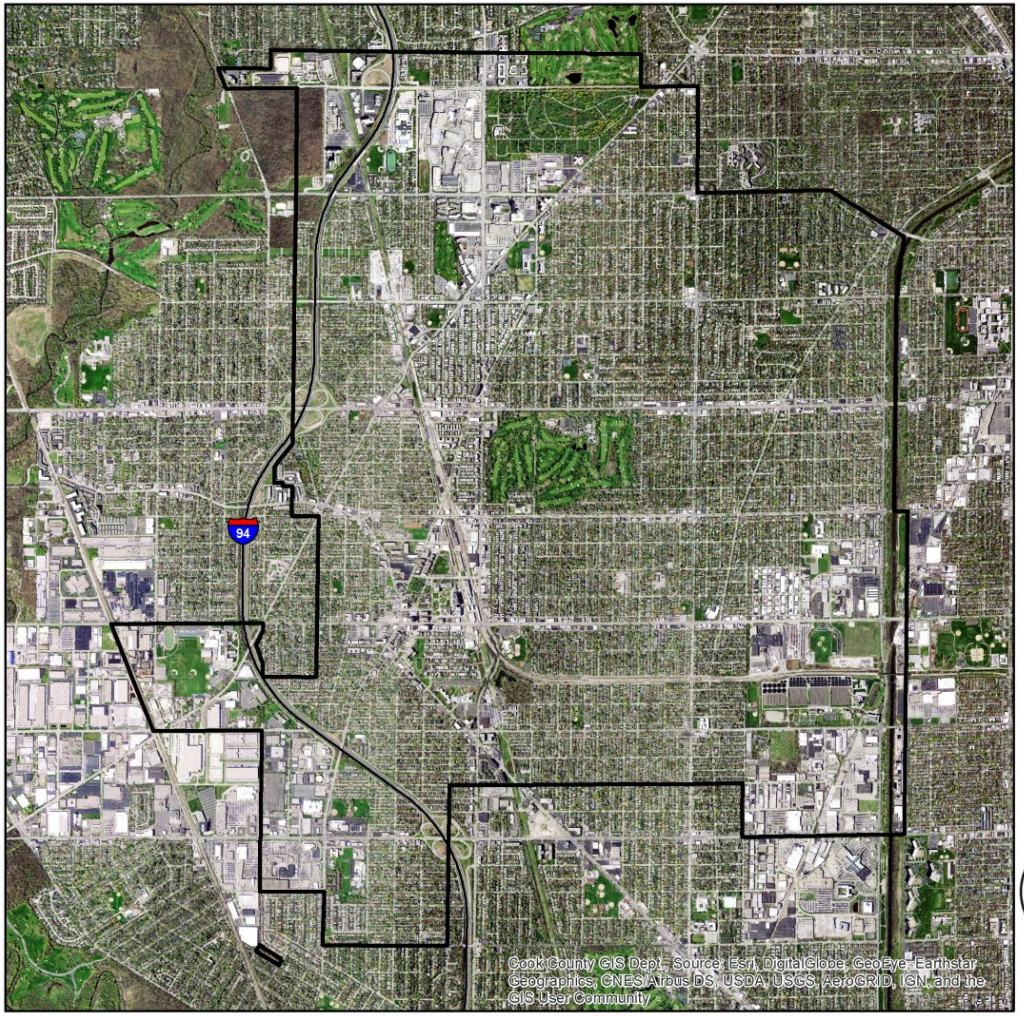
N W E S

0 0.15 0.3 0.6 0.9 1.2 Miles



VILLAGE OF SKOKIE

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 0.15 0.3 0.6 0.9 1.2 Miles