

Broadview

Hazard Mitigation Plan Point of Contact

Primary Point of Contact	Alternate Point of Contact	Alternate Point of Contact	Alternate 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: 1914

Current Population: The 2020 U.S. Census population was 7,996. The 2022 U.S. Census estimate indicated the population was 7,847.

Population Growth: The overall population has increased .31 percent between 2016 and 2022.

Location and Description: Broadview is located in Proviso Township, in Cook County, 12 miles west of downtown Chicago. Suburbs adjacent to Broadview include Maywood to the north, La Grange Park to the south, Hines to the east, and Westchester to the west. Interstate 290 runs through the northern tip of Broadview and intersects 294 3 miles west of the border. According to the U.S. Census Bureau, the Village of Broadview has a total land area of 1.78 square miles.

Brief History: In the 1880s the railroad came through the area and the first subdivision was platted. In 1883, eighty acres of northeast Broadview was named the Western Addition (presumably of

Maywood). In the same year, the Chicago, Madison and Northern Railroad Company (which became the Illinois Central Railroad) bought a right of way from farmers a half a mile south of this subdivision. In 1890, the Union Land Association was formed by 35 investors and \$100,000 in capital. The following year they subdivided a portion south of 12th Street and drew in street numbers from Ninth Avenue to 21st Avenue. They named their map Broad View (two words). On an 1899 Rand McNally map of Chicago, the railroad station at 17th Avenue and the railroad right of way was shown as Broadview (one word).

Climate: The climate of Broadview and the Chicago area is classified as humid continental, with all four seasons distinctly represented: wet springs; hot and humid summers; pleasant autumns; and cold winters. Annual precipitation is average, and reaches its lowest points in the months of January and February, and peaks in the months of May and June. Winter proves quite variable; seasonal snowfall in the Village has ranged from 9 – 90 inches. The daily average temperature in January at Midway Airport is 24.8 °F (–4.0 °C), and temperatures often stay below freezing for several consecutive days or even weeks in January and February. Temperatures drop to or below 0 °F (–18 °C) on 5.5 nights annually at Midway and 8.2 nights at O’Hare. Spring in the Chicago area is perhaps the areas wettest and unpredictable season. Winter like conditions can persist well into April and even occasionally into May. Thunderstorms are especially prevalent in the spring time as the areas lakeside location makes it a center of conflicts between large volumes of warmer and colder air, triggering many kinds of severe weather. Temperatures vary tremendously in the springtime; March is the month with the greatest span between the record highs and lows. On a typical summer day, humidity is usually moderately high and temperatures ordinarily reach anywhere between 78 and 92 °F (26 and 33 °C). The extreme heat that the Chicago area is capable of experiencing during the height of the summer season can persist into the autumn season. Temperatures have reached as high as 100 degrees and as low as below –18 °C. Fall can bring heavy thunderstorms, many of which are capable of producing flooding. The average first accumulating snow occurs around Nov 19.

Governing Body Format: The Village of Broadview is a Trustee-Village form of government with 6 operating departments including Fire, Police, Water, Finance, Building, and Public Works. This body will assume the responsibility for the adoption and implementation of this plan.

Development Trends: Anticipated development levels for Broadview are low to moderate, consisting of some commercial development. Broadview is land-locked and future development will take place on current vacant parcels within the village. As of 2019, some issues currently facing the Village of Broadview include long term stability of the sales tax base, increasing pension obligations, rising health care cost, and funding for vehicles, equipment, building capital improvements, as well as streets and alleys capital improvements.

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	VOB Title 9 2006
Zonings	Yes	No	No	Yes	VOB Title 10 2001
Subdivisions	No	No	No	No	
Stormwater Management	Yes	No	Yes	Yes	State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. VOB Title 8 2009
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	VOB Title 10 2002
Public Health and Safety	Yes	No	Yes	Yes	Cook County Board of Health. VOB Title 6&7 2001
Environmental Protection	No	No	No	No	
Planning Documents					

General or Comprehensive Plan	<i>In Progress</i>	No	No	No	Soon to be adopted
<i>Is the plan equipped to provide integration to this mitigation plan?</i>					Yes
Floodplain or Basin Plan	No	No	No	No	
Stormwater Plan	No	No	Yes	No	MWRD Detailed Watershed Plan for Lower Des Plaines River watershed.
Capital Improvement Plan	No	No	No	No	
<i>What types of capital facilities does the plan address?</i>					N/A
<i>How often is the plan revised/updated?</i>					N/A
Habitat Conservation Plan	No	No	No	No	
Economic Development Plan	No	No	Yes	Yes	The Economic Development Commission 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	Being Edited	No	Yes	Yes	Cook County EMRS
Threat and Hazard Identification	No	No	Yes	No	Cook County EMRS Preparing THIRA

and Risk Assessment					
Terrorism Plan	No	No	Yes	Yes	Cook County EMRS
Post-Disaster Recovery Plan	No	No	No	No	Cook County EMRS
Continuity of Operations Plan	No	No	Yes	No	Cook County EMRS
Public Health Plans	No	No	Yes	No	Cook County DPH

TABLE: FISCAL CAPABILITY	
Financial Resources	Accessible or Eligible to Use?
Community Development Block Grants	Yes
Capital Improvements Project Funding	Yes
Authority to Levy Taxes for Specific Purposes	Yes
User Fees for Water, Sewer, Gas or Electric Service	Yes
Incur Debt through General Obligation Bonds	Yes
Incur Debt through Special Tax Bonds	No
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	Yes

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	Hancock Engineering
Engineers or professionals trained in building or infrastructure construction practices	Yes	Hancock Engineering
Planners or engineers with an understanding of natural hazards	Yes	Hancock Engineering
Staff with training in benefit/cost analysis	No	
Surveyors	No	
Personnel skilled or trained in GIS applications	No	Cook County GIS Consortium
Scientist familiar with natural hazards in local area	No	
Emergency manager	Yes	Cook County EMRS
Grant writers	Yes	Grantmasters, New York

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?	2006
When was the most recent Community Assistance Visit or Community Assistance Contact?	Have not had 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.	Unknown
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?	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. Yes we would be interested.

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 NFIP-related activities completed by our community:

- Our staff provide the following services: permit reviews, GIS, inspections, engineering capability.
- Our 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:

12-1-2: DEFINITIONS

SUBSTANTIAL DAMAGE: Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damage condition would equal or exceed fifty percent (50%) of the market value of the structure before the damage occurred, regardless of the actual repair work performed. Volunteer labor and materials must be included in this determination. Damage of less than fifty percent (50%) of the fair market value will be applied to the repetitive loss calculations.

SUBSTANTIAL IMPROVEMENT:

A. Any reconstruction, rehabilitation, addition, or improvement of a structure, the cost of which equals or exceeds fifty percent (50%) of the market value of the structure before the "start of construction" of the improvement.

B. For the purposes of this definition "substantial improvement" is considered to occur when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the building.

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.

12-1-4 Duties of the Enforcement Official(s)

The building commissioner shall be responsible for the general administration and enforcement of this chapter which shall include the following:

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 12-1-9C1c of this chapter.

12-1-9: PERMITTING REQUIREMENTS APPLICABLE TO ALL FLOODPLAIN AREAS:

In addition to the requirements found in sections 12-1-6, 12-1-7 and 12-1-8 of this chapter for development in flood fringes, designated floodways, and SFHA or floodplains where no floodways have been identified (zones A, AO, AH, AE, A1-A30, A99, VO, V1-30, VE, V, M, E, or D), the following requirements shall be met:

C. Protecting Buildings: All buildings located within a 100-year floodplain also known as an SFHA, and all buildings located outside the 100-year floodplain but within the 500-year floodplain, shall be protected from flood damage below the flood protection elevation.

1. This building protection criteria applies to the following situations:

- a. Construction or placement of a new building valued at more than one thousand dollars (\$1,000.00) or seventy (70) square feet.
- b. "Substantial improvement" to an existing building as defined in section [12-1-2](#) of this chapter, including an increase to the first floor area by more than twenty percent (20%). This alteration shall be figured cumulatively beginning with any alteration which has taken place subsequent to April 1, 1990.
- c. "Substantial damage" to an existing building as defined in section [12-1-2](#) of this chapter. This alteration shall be figured cumulatively beginning with any alteration which has taken place subsequent to April 1, 1990.
- d. "Repetitive loss" to an existing building as defined in section [12-1-2](#) of this chapter.
- e. Installing a manufactured home on a new site or a new manufactured home on an existing site. This building protection requirement does not apply to returning a mobile home to the same site it lawfully occupied before it was removed to avoid flood damage; and
- f. Installing a travel trailer on a site for more than one hundred eighty (180) days per year.

- 2. This building protection requirement may be met by one of the following methods:
 - b. A residential or nonresidential building may be elevated in accordance with the following:

(5) 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 tie-down 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.

TABLE: COMMUNITY CLASSIFICATIONS			
	Participating?	Classification	Date Classified
Community Rating System	No	N/A	N/A
Building Code Effectiveness Grading Schedule	Yes	Unknown	Unknown
Public Protection/ISO	Yes	Unknown	N/A
StormReady	Yes	Gold (Countywide)	2014
Tree City USA	No	--	--

Opportunities to Expand and Improve Capabilities

Opportunities to expand and improve capabilities include grant writers, the ability to fund local match for mitigation grants, improving GIS capabilities, improve building codes or ordinances, and others.

Plan Integration

The capability assessment describes opportunities to "link" or integrate the mitigation plan into other planning mechanisms. The process and mechanism to identify opportunities to integrate the Cook County MJ-HMP into other planning mechanisms will occur during the Annual Update Process and be reflected in the Jurisdictional Annual Report each year. Specific plan integration opportunities will include:

- The hazards, goals, and actions of the Hazard Mitigation Plan will be considered in the next update of the 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
- Number of FEMA-Identified Severe Repetitive Loss Properties: 1
- 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
Flood	DR-4116	2013	-
Severe Winter Weather	DR-1960	2011	-
Flood	DR-1935	2010	-
Severe Weather	-	2009	-
Flood	8611262	1972	-
Severe Winter Weather	8564238	1967	-

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: Village wide concerns with tree lined streets, forest preserve borders. Buildings in Broadview are older, with most being built in the 1950's and 1960's could also be affected. Dry weather spells are of concern.

Earthquake: Village wide concerns for earthquake with our industrial area, older single family and multi-family homes. Bridges, streets and other infrastructure are older, causing concerns.

Flooding: The Village of Broadview has a diverse group of facilities that have vulnerability to flooding. We have 2 schools within the Village boundary, Lindop and Roosevelt school. The Village of

Broadview also has two daycare facilities, 1 large senior facilities. The Fire Department responds to one Federal Hospital campus (Edward Hines VA Hospital campus) and two other local hospital campuses on unincorporated Cook County property (Loyola University Medical Center and Madden Mental Health). The Village of Broadview also has several industrial and commercial buildings that could be impacted by flooding. Our southern area of the community near Salt Creek and Addison Creek have been affected by flooding when there is torrential downpours.

In 2010, nine inches of standing water was reported on Route 171 between 22nd and 26th Streets due to sudden urban/flash flooding. Flooding continues to be a problem in the area during heavy rain events.

Severe Weather: The Village of Broadview has a diverse group of facilities that have vulnerability to severe weather. We have 2 schools within the Village boundary, Lindop and Roosevelt school. The Village of Broadview also has two daycare facilities. 1 large senior facilities, the Fire Department responds to one Federal Hospital campus (Edward Hines VA Hospital campus) and 2 hospital campuses on unincorporated Cook County property (Loyola University Medical Center and Madden Mental Health). The Village of Broadview also has several industrial and commercial buildings with rooftop units and towers that could be impacted by severe weather.

Cook County area is vulnerable to extreme heat/cold, lightning, hail, fog, and high winds. Heavy rainfall and snowfall can produce flooding or ice damming. The Broadview Fire Department is responsible for providing Fire/EMS service to both the Hines VA hospital and the Loyola University Medical Center campuses.

In 2011, a powerful line of severe thunderstorms moved northeast across during the evening hours of June 21st producing damaging winds and widespread wind damage.

2022: On June 13th, we had a high wind derecho storm that damaged several homes from tree upheaval and branch damage. On June 13th, we also damaged several roofs of businesses and homes. It took the Village approximately four weeks to conduct a cleanup with the help of Cook County Emergency Management Services and Lagrange Park Public Works. The cleanup costs were roughly \$75k.

We had a freezing arctic event on December 23rd of 2022, which impacted several buildings in the Village of Broadview, including the Fire Department, causing pipe bursts and flood damage to the structure's interior.

Tornado: The Village of Broadview has a diverse group of facilities that have vulnerability to tornadoes. We have 2 schools within the Village boundary, Lindop and Roosevelt school. The Village of Broadview also has two daycare facilities. 1 large senior facilities, the Fire Department responds to one Federal Hospital campus (Edward Hines VA Hospital campus) and 2 hospital campuses on unincorporated Cook County property (Loyola University Medical Center and Madden Mental Health). The Village of Broadview also has several industrial and commercial buildings with rooftop units and towers that could be impacted by tornadoes. Broadview has a 1.5 million gallon water tower, multiple facilities that are prone to damage from tornado weather. Broadview has additionally has several buildings that are taller than 2 stories. The Broadview Fire Department provides Fire and EMS service to the Loyola University Medical Center and Hines VA hospital campuses.

Severe Winter Weather: The Village of Broadview has a diverse group of facilities that have vulnerability to severe winter weather. We have 2 schools within the Village boundary, Lindop and Roosevelt school. The Village of Broadview also has two daycare facilities. 1 large senior facilities, the Fire Department responds to one Federal Hospital campus (Edward Hines VA Hospital campus) and 2 hospital campuses on unincorporated Cook County property (Loyola University Medical Center and Madden Mental Health). The Village of Broadview also has several industrial and commercial buildings with rooftop units and towers that could be impacted by severe winter weather.

Broadview additionally has a large senior population. The Broadview Fire Department provides Fire and EMS service to the Loyola University Medical Center and Hines VA hospital campuses.

Wildfire (Wildfire Smoke): The Village of Broadview borders several square miles of Cook County Forest Preserve that could have wildfire or wildfire smoke.

Indicator	Number	Percent
Families in poverty	135	6.2%
People with disabilities	1,376	14.6%
People over 65 years	2,148	22.7%
People under 5 years	468	4.9%
People of color	7,710	81.3%
Black	6,270	66.1%
Native American	0	0%
Hispanic	1,011	10.7%
Difficulty with English	41	0.5%
Households with no car	444	11.5%
Mobile homes	0	0%

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.

Hazard	Vulnerability
Current Vulnerability	
Dam and Levee Failure	Increased
Drought	Increased
Earthquake	Remained the Same
Flood (Riverine, Urban, Shoreline)	Increased
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	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	Increase
Drought	Increase
Earthquake	No Change is Anticipated
Flood (Riverine, Urban, Shoreline)	Increase
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	Increase
Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold)	Increase
Tornado	Increase
Wildfire (Wildfire Smoke)	Increase

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	Remained the Same
Drought	Remained the Same
Earthquake	Remained the Same
Flood (Riverine, Urban, Shoreline)	Increased
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	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	No Change is Anticipated
Drought	No Change is Anticipated
Earthquake	No Change is Anticipated
Flood (Riverine, Urban, Shoreline)	Increase
Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds)	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

Broadview has a 1.5 million gallon hydro pillar water tower with concerns for severe weather. We have several municipal owned facilities, including but not limited to village hall, police, fire, public works and several other buildings within the Broadview jurisdiction.

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 B-11.17

Mitigation Action #B - 11.17: Adopt regulations governing residential construction to prevent wind damage.					
Lead Agency/Department Organization: Village of Broadview Public Works	Supporting Agencies/Organizations: Cook County / State of Illinois / Federal Government	Estimated Cost: High	Potential Funding Source: General Fund Local or State Special Taxes Private/Non-Profit Funds State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline) Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold)

			(FMA) Program Community Development Block Grant (CDBG) FEMA Public Assistance (PA)		
Year Initiated		2029			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 4, 5, 6			
Applicable Objective		All			
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:		Adopt regulations governing residential construction to prevent wind damage.			
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 B-11.18

Mitigation Action #B - 11.18: Promote or Require Site and Building Design Standards to Minimize Wind Damage.					
Lead Agency/Department Organization:	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: General Fund Local or State	Estimated Projected Completion Date:	Hazard(s) Mitigated: Severe Weather

Village of Broadview Public Works	Cook County / State of Illinois / Federal Government		Special Taxes Private/Non- Profit Funds State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance (FMA) Program Community Development Block Grant (CDBG) FEMA Public Assistance (PA)	Short-term	(Extreme Heat, Lightning. Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold)
Year Initiated		2029			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 4, 5, 6			
Applicable Objective		All			
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:	Promote or Require Site and Building Design Standards to Minimize Wind Damage.
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 B-11.19

Mitigation Action #B - 11.19: Protect Power Lines and Infrastructure.					
Lead Agency/Department Organization: Village of Broadview Public Works	Supporting Agencies/Organizations: Cook County / State of Illinois / Federal Government	Estimated Cost: High	Potential Funding Source: General Fund Local or State Special Taxes Private/Non-Profit Funds State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline) Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold)

			Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance (FMA) Program Community Development Block Grant (CDBG) FEMA Public Assistance (PA)		
Year Initiated		2029			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 4, 5, 6			
Applicable Objective		All			
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:		Protect Power Lines and Infrastructure.			
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 B-11.20

Mitigation Action #B - 11.20: Retrofit Public Buildings and Critical Facilities.					
Lead Agency/Department Organization: Village of Broadview Public Works	Supporting Agencies/Organizations: Cook County / State of Illinois / Federal Government	Estimated Cost: High	Potential Funding Source: General Fund Local or State Special Taxes Private/Non-Profit Funds State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance (FMA) Program Community Development	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood (Riverine, Urban, Coastal/Shoreline) Severe Weather (Extreme Heat, Lightning. Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold)

			Block Grant (CDBG) FEMA Public Assistance (PA)		
Year Initiated	2029				
Applicable Jurisdiction	Village of Broadview				
Applicable Goal	1, 2, 3, 4, 5, 6				
Applicable Objective	All				
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:	Retrofit Public Buildings and Critical Facilities.				
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 B-11.21

Mitigation Action #B - 11.21: Winter weather protection plans, assist vulnerable populations and other mitigation strategies.					
Lead Agency/Department Organization: Village of Broadview Public Works	Supporting Agencies/ Organizations: Cook County / State of Illinois / Federal Government	Estimated Cost: High	Potential Funding Source: General Fund Local or State Special Taxes Private/Non- Profit Funds	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Severe Winter Weather (Ice Storm, Heavy Snow,

			State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire Building Resilient Infrastructure and Communities (BRIC) Flood Mitigation Assistance (FMA) Program Community Development Block Grant (CDBG) FEMA Public Assistance (PA)		Blizzards, Extreme Cold)
Year Initiated		2029			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 4, 5, 6			
Applicable Objective		All			
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:	Winter weather protection plans, assist vulnerable populations and other mitigation strategies.
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 B-11.22

Mitigation Action #B - 11.22: Tornado local planning and regulation updates and other mitigation strategies.					
Lead Agency/Department Organization: Village of Broadview Public Works	Supporting Agencies/Organizations: Cook County / State of Illinois / Federal Government	Estimated Cost: High	Potential Funding Source: General Fund Local or State Special Taxes Private/Non-Profit Funds State Special Funds Hazard Mitigation Grant Program (HMGP) Hazard Mitigation Grant Program (HMGP) - Post Fire Building Resilient Infrastructure and Communities (BRIC)	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds) Severe Winter Weather (Ice Storm, Heavy Snow, Blizzards, Extreme Cold) Tornado

			Flood Mitigation Assistance (FMA) Program Community Development Block Grant (CDBG) FEMA Public Assistance (PA)		
Year Initiated	2029				
Applicable Jurisdiction	Village of Broadview				
Applicable Goal	1, 2, 3, 4, 5, 6				
Applicable Objective	All				
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:	Tornado local planning and regulation updates and other mitigation strategies.				
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 B-11.1

Mitigation Action #B - 11.1: 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.					
Lead Agency/Department Organization: Building Department	Supporting Agencies/Organizations:	Estimated Cost: High	Potential Funding Source: BRIC, HMGP	Estimated Projected Completion Date: Long-term (depending on funding)	Hazard(s) Mitigated: All
Year Initiated		2014			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 5			
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:		The area that is impacted the most backs up to a creek and forest preserve maintained by Cook County.			
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 B-11.2

Mitigation Action #B - 11.2: Construct regional stormwater control facilities.					
Lead Agency/Department Organization: Public Works	Supporting Agencies/ Organizations:	Estimated Cost: High	Potential Funding Source: BRIC, HMGP, MWRD-Phase II	Estimated Projected Completion Date: Long-term (depending on funding)	Hazard(s) Mitigated: Flood, Severe Weather
Year Initiated		2014			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3, 5			
Applicable Objective		1, 2, 4, 9, 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:		Phase 2 of this project and will be ongoing for the next 3 years			
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 B-11.3

Mitigation Action #B - 11.3: Retrofit the existing storm drainage system to ensure total capacity is utilized.					
Lead Agency/Department Organization: Public Works	Supporting Agencies/ Organizations:	Estimated Cost: High	Potential Funding Source: BRIC, HMGP, MWRD-Phase II	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood, Severe Weather
Year Initiated		2014			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 2, 3			
Applicable Objective		1, 2, 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:		An ongoing project as all lines are being scoped and cleaned.			
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 B-11.4

Mitigation Action #B - 11.4: Consider participation in the Community Rating System.					
Lead Agency/Department Organization: Public Works	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source:	Estimated Projected	Hazard(s) Mitigated: Flood

			General Fund	Completion Date: Long-term	
Year Initiated	2014				
Applicable Jurisdiction	Village of Broadview				
Applicable Goal	1, 2, 3, 6				
Applicable Objective	4, 5, 6, 8, 11				
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				

Action B-11.6

Mitigation Action #B - 11.6: Continue to support this plan's implementation, monitoring, maintenance, and updating. I changed this to ongoing, as we will continue to monitor this.					
Lead Agency/Department Organization: DHSEM, Fire Department	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source: General Fund	Estimated Projected Completion Date: Long-term, Ongoing	Hazard(s) Mitigated: All
Year Initiated	2014				
Applicable Jurisdiction	Village of Broadview				

Applicable Goal	1, 2, 3, 5
Applicable Objective	1, 11
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)	Low
Action/Implementation Plan and Project Description:	With the restructuring of public works new equipment and manning helps support this plan
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 B-11.8

Mitigation Action #B - 11.8: 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. Status Description:					
Lead Agency/Department Organization: Village of Broadview Administration	Supporting Agencies/ Organizations:	Estimated Cost: Low	Potential Funding Source: General Fund	Estimated Projected Completion Date: Short-term, Ongoing	Hazard(s) Mitigated: Flood
Year Initiated	2014				
Applicable Jurisdiction	Village of Broadview				
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:	This will be ongoing with the new street resurfacing program
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 B-11.9

Mitigation Action #B - 11.9: Where feasible, implement a program to record high water marks following high water events.					
Lead Agency/Department Organization: Village of Broadview Administration	Supporting Agencies/ Organizations:	Estimated Cost: Medium	Potential Funding Source: General Fund; FEMA Public Assistance (PA)	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: Flooding, Severe Weather
Year Initiated	2014				
Applicable Jurisdiction	Village of Broadview				
Applicable Goal	1, 2, 3, 5, 6				
Applicable Objective	3, 6, 9				
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:	Reduction of flooding in specific flood zones has dropped since the first phase of scoping and cleanout
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 B-11.10

Mitigation Action #B - 11.10: Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.					
Lead Agency/Department Organization: Hancock Engineering	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 Broadview				
Applicable Goal	1, 2, 3, 5, 6				
Applicable Objective	3, 4, 6, 10, 13				
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:	New resurfacing has worked with developers to angle streets to needed overflow areas				
Actual Completion Date or Ongoing Indefinite					
Project Status & Changes in Priority Completion status legend: N = New; I = In Progress Toward Completion;	O				

O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed	
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Action B-11.11

Mitigation Action #B - 11.11: Consider developing and implementing a Capital Improvements program to increase the resiliency of the Village's critical facilities and infrastructure.					
Lead Agency/Department Organization: Village of Broadview Administration/Public Works	Supporting Agencies/ Organizations:	Estimated Cost: High	Potential Funding Source: General Funds	Estimated Projected Completion Date: Long-term	Hazard(s) Mitigated: All
Year Initiated		2014			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		1, 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)		High			
Action/Implementation Plan and Project Description:		This will be ongoing as the resurfacing is in stages			
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 B-11.12

Mitigation Action #B - 11.12: Continue to support the countywide actions identified in this plan.					
Lead Agency/Department Organization: Village of Broadview 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 Broadview			
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:		Will continue to support all actions in this plan.			
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 B-11.13

Mitigation Action #B - 11.13: Actively coordinate the Emergency Operation Plan with Mitigation plans					
Lead Agency/Department Organization: Fire Department	Supporting Agencies/ Organizations:	Estimated Cost: \$1,000	Potential Funding Source:	Estimated Projected	Hazard(s) Mitigated: All

	Public Works		General Fund	Completion Date: Long-term	
Year Initiated		2019			
Applicable Jurisdiction		Broadview Fire Department			
Applicable Goal		2, 3, 4, 6			
Applicable Objective		6, 10			
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)		This Emergency Operations Plan includes all Village department in conjunction with programs that create safe shelters and communications with stakeholders, 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:		Each Village entity has an involvement in this new Emergency Operations Plan. There is also added communication to residents and stakeholders as well as community shelters and churches			
Actual Completion Date or Ongoing Indefinite		November 2019			
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 B-11.14

Mitigation Action #B - 11.14: Implement the Addison Creek Channel Improvements.					
Lead Agency/Department Organization: MWRD	Supporting Agencies/ Organizations:	Estimated Cost: \$43,400,000, High	Potential Funding Source: HMGP, BRIC	Estimated Projected Completion Date:	Hazard(s) Mitigated: Flood

	Village of Broadview Administration			Long-term	
Year Initiated	2019				
Applicable Jurisdiction	Village of Broadview				
Applicable Goal	2, 3, 4				
Applicable Objective	2, 9				
Cost Analysis (Low, Medium, High)	High				
Priority and Level of Importance (Low, Medium, High)	Unknown				
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)	Unknown				
Action/Implementation Plan and Project Description:	<p>ID: ADCR-6B Contract: 11-187-3F Watershed: Lower Des Plaines Location: Northlake, Melrose Park, Stone Park, Bellwood, Westchester, and Broadview, IL Improves channel conveyance through channel improvements from Northlake to Broadview that include open channel, soldier piles wall, articulated concrete blocks, gabions, and channel clearing. Removal of 3 bridges along Harrison St. at 30th Ave., 31st Ave., and 32nd Ave. - Executed intergovernmental agreements with all six villages. Final Design. Right-of-way acquisition in progress.</p>				
Actual Completion Date or Ongoing Indefinite	Unknown				
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 B-11.15

Mitigation Action #B - 11.15: Flood Mitigation					
Lead Agency/Department Organization: Village of Broadview Administration	Supporting Agencies/ Organizations: MWRD	Estimated Cost: \$425,000	Potential Funding Source: General Fund, BRIC, HMGP	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood
Year Initiated		2022			
Applicable Jurisdiction		Village of Broadview			
Applicable Goal		All			
Applicable Objective		All			
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)		Long-term benefits of the project are difficult to quantify in the short term. Flood mitigation			
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 B-11.16

Mitigation Action #B - 11.16: Recreate industrial road of hazards					
Lead Agency/Department Organization: Village of Broadview Administration	Supporting Agencies/Organizations: IDOT	Estimated Cost: \$475,000	Potential Funding Source: General Fund, BRIC, HMGP	Estimated Projected Completion Date: Short-term	Hazard(s) Mitigated: Flood
Year Initiated		2021			
Applicable Jurisdiction		Village of Broadview, IDOT			
Applicable Goal		1, 2, 3, 4			
Applicable Objective		1, 2, 3			
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)		High Priority			
Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated)		Will remove surface hazards and rehabilitate storm sewer system, Project will provide an immediate reduction of risk exposure for life and property.			
Action/Implementation Plan and Project Description:		Road adjacent to I-290 abuts small industrial corridor with heavy truck traffic.			
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
Provide sandbags and plastic sheeting to residents in anticipation of rainstorms, deliver materials to the disabled and elderly, and provide public information on where these materials are stored and how to get them.
Continue participating in mutual-aid agreements and the Mutual Aid Box Alarm System for cooperative response to all hazards and disasters.

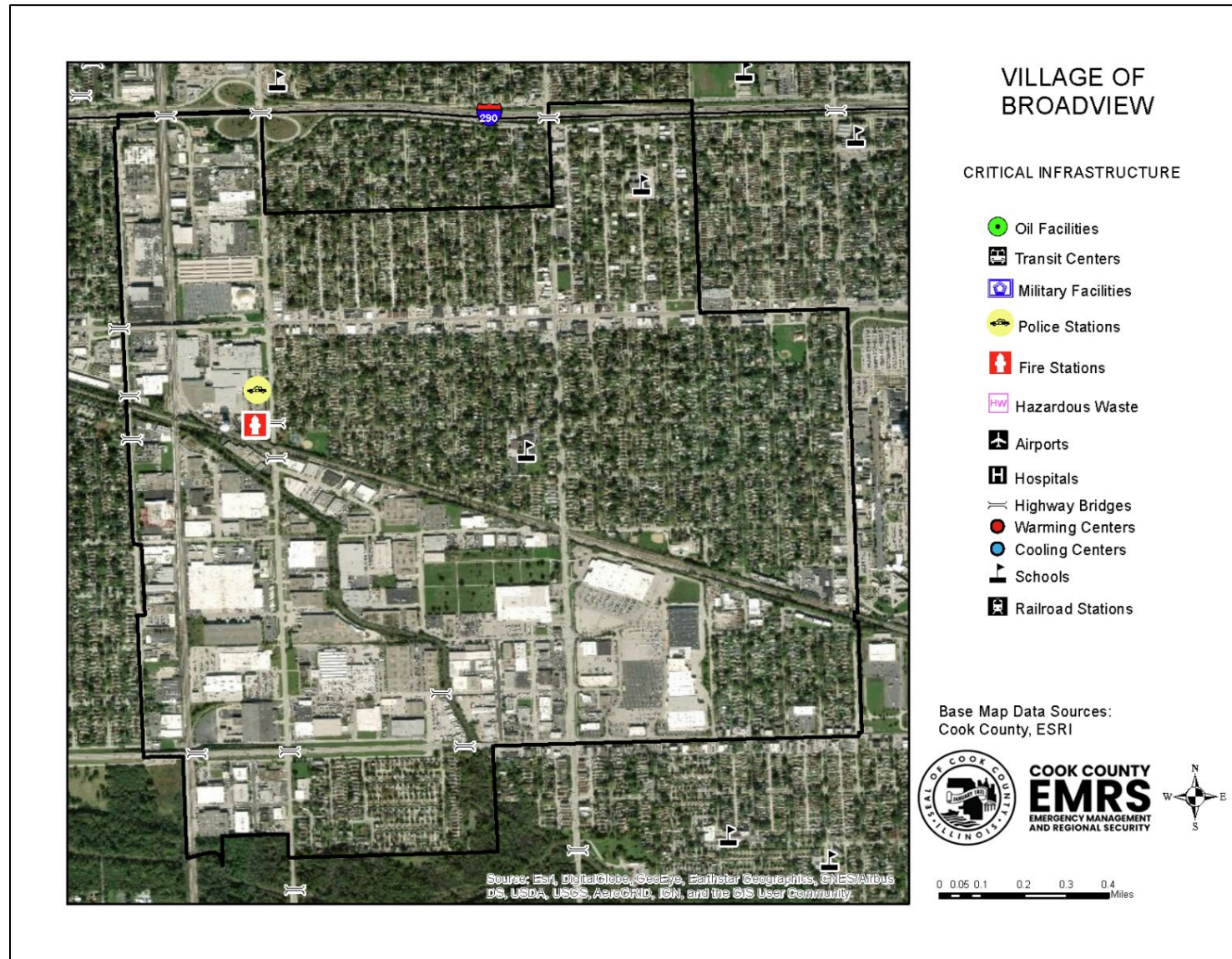
Future Needs to Better Understand Risk/Vulnerability

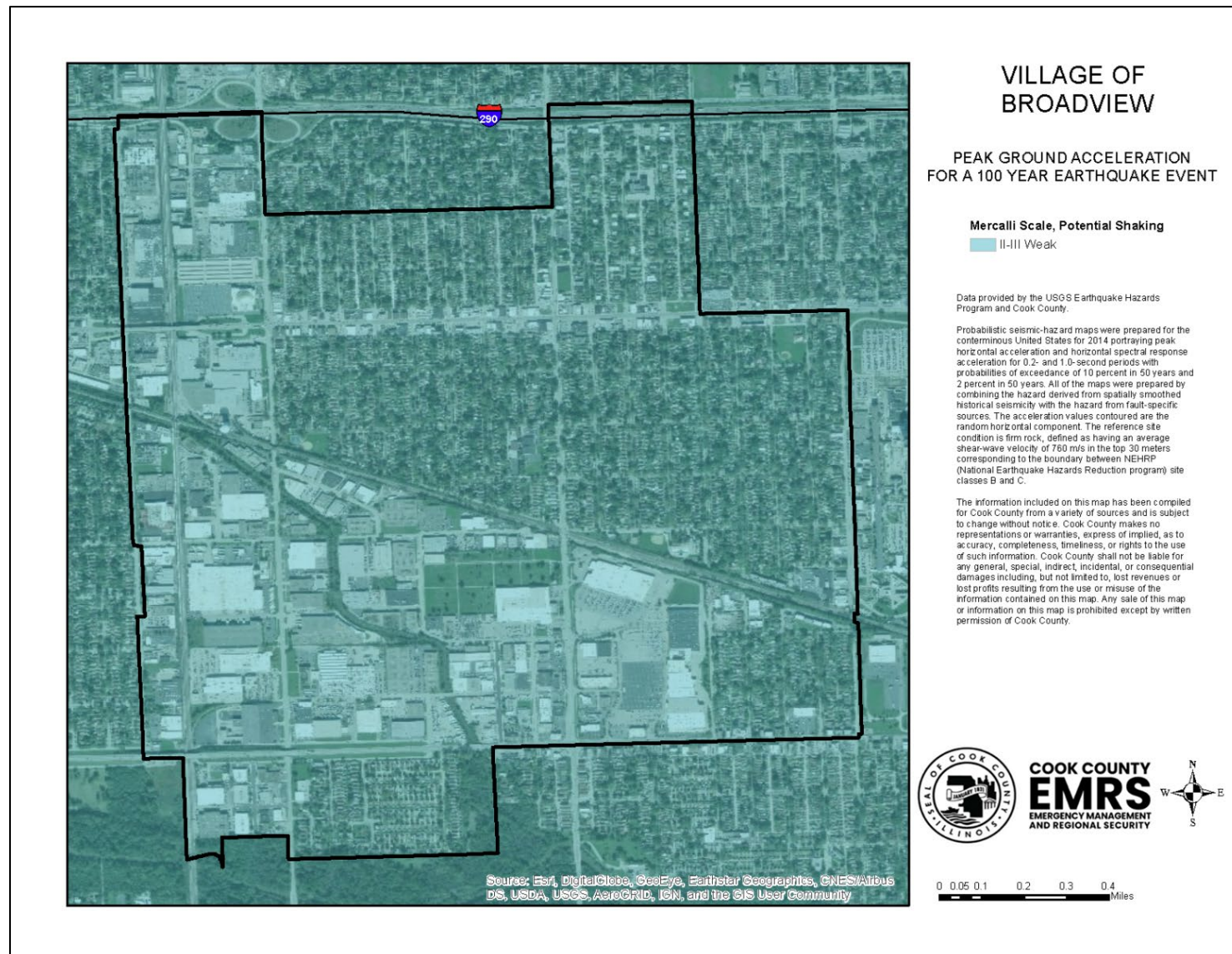
No needs have been identified at this time.

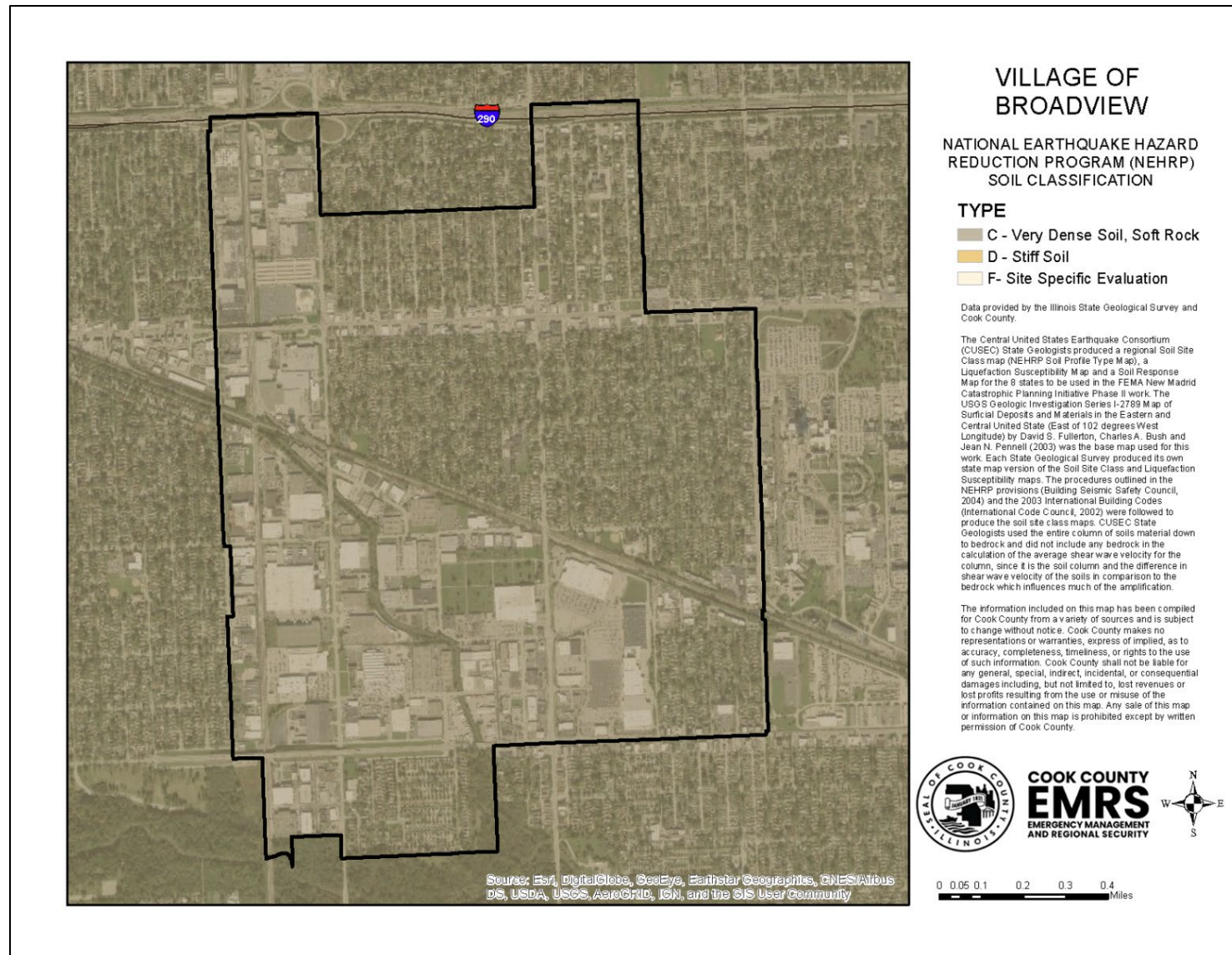
Additional Comments

No additional comments at this time.

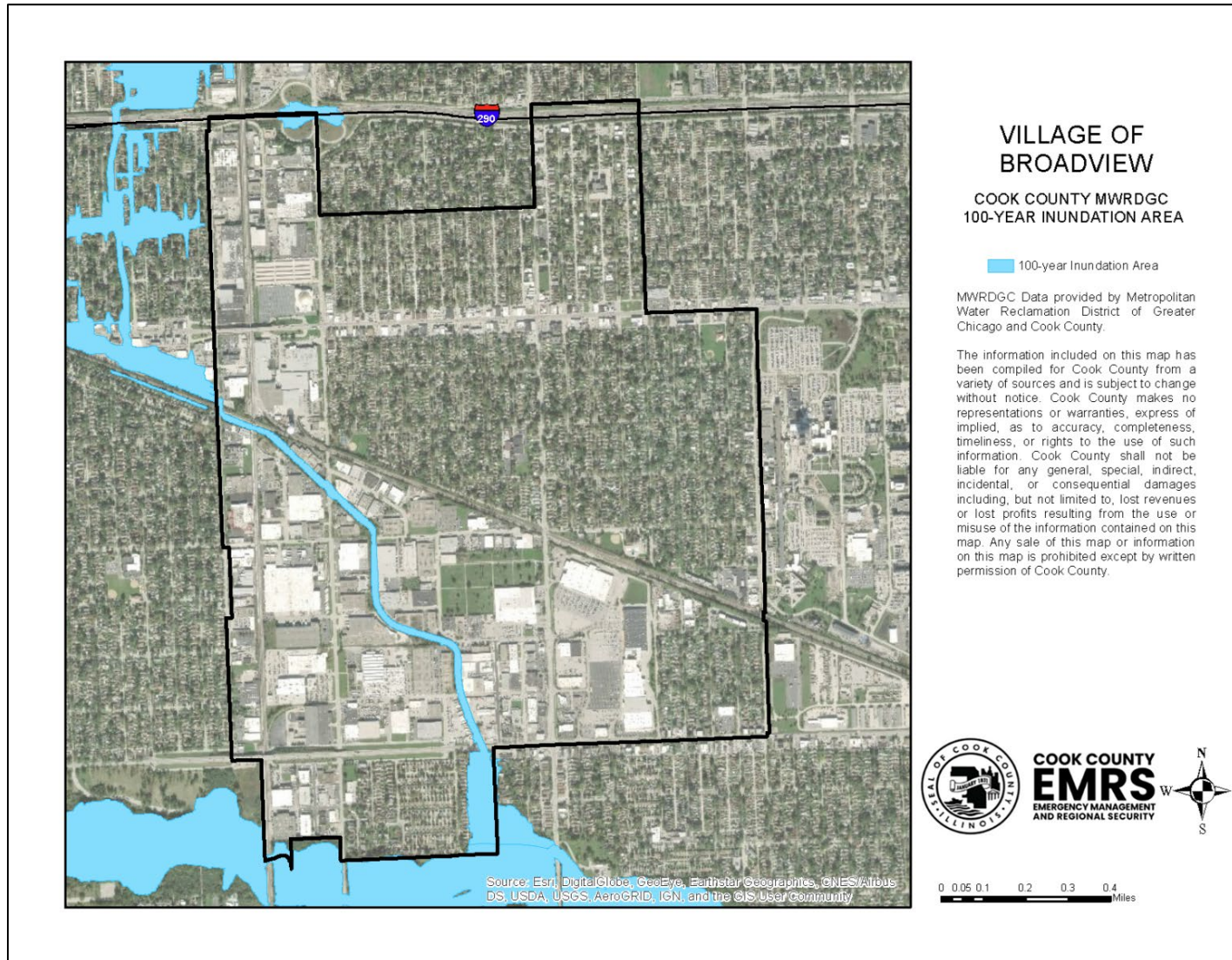
Hazard Mapping

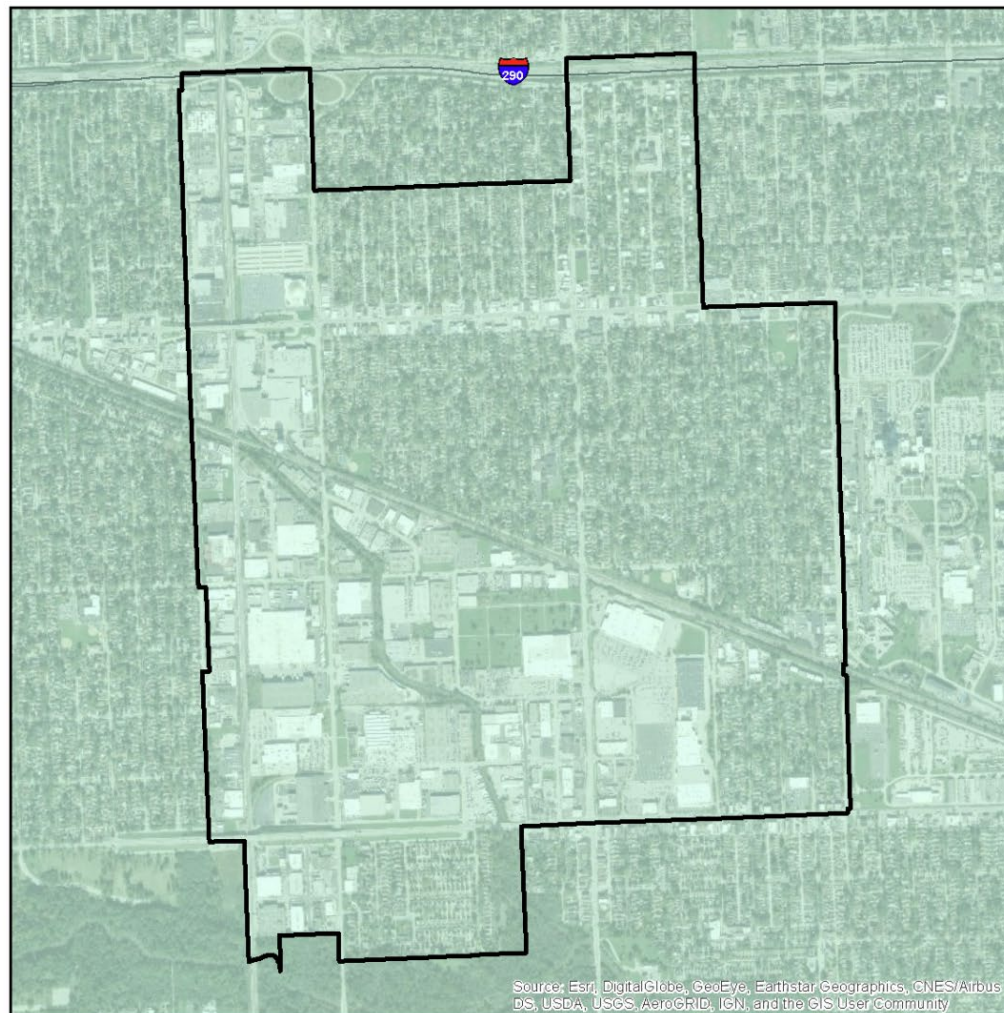






DISCLAIMER: The Cook County MWRDGC 100-year Inundation Map is provided to show general flood risk information regarding floodplains and inundation areas. This map is not regulatory. Official FEMA Flood Insurance Study information and regulatory maps can be obtained from <http://www.fema.gov>.





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

VILLAGE OF BROADVIEW

LIQUEFACTION SUSCEPTIBILITY

LIQUEFACTION SUSCEPTIBILITY

- high
- low
- very low

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-2769 Map of Surficial Deposits and Materials in the Eastern and Central United States (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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