

Chicago Ridge

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: October 17, 1914

Current Population: The 2020 U.S. Census population was 14,431. The 2022 U.S. Census estimate indicated the population was 13,971.

Population Growth: The overall population has decreased .56 percent between 2018 and 2022.

Location and Description: The Village of Chicago Ridge is located in Cook County, 18 miles south west of the Chicago Loop. Chicago Ridge's irregular shape is bounded by Oak Lawn on the north and east, Bridgeview and Palos Hills on the west, and Worth on the south. The village has a total area of 2.25 square miles.

Brief History: Chicago Ridge takes its name from ridges left behind when trainloads of dirt were brought out by the Wabash Railroad during construction of the Columbian Exposition of 1893. In 1898, the Paul E. Berger Company, manufacturers of cash registers and slot machines, located adjacent to the railroad. The Berger Company built housing for its employees, and a settlement emerged around the factory, with a tavern, rooming house, and grocery store. The first post office opened in 1900 in the Berger factory, and in 1902 the Wabash Railroad established a train station. Chicago Ridge grew from 176 in 1920 to 888 in 1950. With the great demand for housing and the expansion of road networks to include expressways, Chicago Ridge was poised for growth. Along with a strong new industrial and commercial base, the population increased dramatically, to 5,748 in 1960 and 14,127 in 2000.

Climate: The climate of the Village of Chicago Ridge 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 city 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 city’s 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 city’s 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 100 degrees high and subzero lows 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: Chicago Ridge is in Illinois’ 3rd congressional district. The Village of Chicago Ridge is governed by a President and Board of Trustees. This body of government will oversee the adoption and implementation of this plan. The Village President is the chief executive officer, and the Board of Trustees is the legislative body. The Village Clerk is the keeper of the records. The Village President, Board of Trustees and Clerk are all elected to four-year terms. Local elections are held every two years in the spring. The Village operates with 8 departments including: Building Department, Community Development, Emergency Management Agency, Fire Department, Planning & Zoning, Police Department, Public Works Department, and the Village Clerk’s Office.

Development Trends: Anticipated development levels for Chicago Ridge are low consisting primarily of residential development. Over the years, recreational and cultural amenities including parks and a library, as well as business and industry were added to the picture. The Chicago Ridge Mall (formerly Westfield Chicago Ridge) at 95th and Ridgeland has over 130 stores and a six-screen theater. The Chicago Ridge Commons at 99th and Ridgeland has over 55 strip stores. Commercial development is currently centered in the industrial sector, the Park at Chicago Ridge.

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 | In accordance with Public Act 096-0704, Illinois has adopted the IBC as its state Building Code. ADOPTED 11-3-03 |
| Zonings | Yes | No | No | Yes | (65 ILCS 5/) Illinois Municipal Code. ADOPTED 11-3-03 |
| Subdivisions | Yes | No | No | No | CHMC, Chapter 44, 12/20/2011 |
| Stormwater Management | Yes | Yes | No | Yes | State regulates industrial activity from Construction sites 1 acre or larger under section 402 CWA. 91-11-17, 12/20/2011 |
| Post Disaster Recovery | Yes | No | No | No | |
| Real Estate Disclosure | No | Yes | Yes | Yes | (765 ILCS 77/) Residential Real Property Disclosure Act. |
| Growth Management | No | No | No | No | |
| Site Plan Review | No | No | No | No | |
| Public Health and Safety | Yes | Yes | Yes | Yes | Cook County Board of Health. ADOPTED 1978 |
| Environmental Protection | No | No | No | No | |
| Planning Documents | | | | | |
| General or Comprehensive Plan | Yes | No | No | No | Village of Chicago Ridge Comprehensive Plan – May 1, 2012 |
| <i>Is the plan equipped to provide integration to this mitigation plan?</i> | | | | | Yes-Land use |

| | | | | | Yes- Environmental Features Yes- Redevelopment |
|--|-----|----|------|-----|---|
| Floodplain or Basin Plan | No | No | No | No | |
| Stormwater Plan | Yes | No | MWRD | No | Regional stormwater impacts are managed by MWRD. The Village lies within the Cal- Sag River watershed planning area of MWRD's comprehensive Stormwater Master Planning Program |
| Capital Improvement Plan | Yes | No | No | No | Chicago Ridge CIP |
| <i>What types of capital facilities does the plan address?</i> | | | | | Buildings and Streets |
| <i>How often is the plan revised/updated?</i> | | | | | Annually |
| Habitat Conservation Plan | No | No | No | No | |
| Economic Development Plan | Yes | No | Yes | Yes | Chicago Ridge Comprehensive Plan 2012 |
| 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 | Cook County EMRS |

| | | | | | |
|-------------------------------|----|----|-----|----|------------------|
| Continuity of Operations Plan | No | No | Yes | No | Cook County EMRS |
| Public Health Plans | No | No | Yes | No | Cook County DPM |

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 | Yes |
| State Sponsored Grant Programs | Yes |
| Development Impact Fees for Homebuyers or Developers | Yes |
| 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 | Burke Engineering |
| Engineers or professionals trained in building or infrastructure construction practices | Yes | Building Department/Burke Engineering |
| Planners or engineers with an understanding of natural hazards | Yes | Burke Engineering |
| Staff with training in benefit/cost analysis | Yes | Chicago Ridge Village Hall/ Burke Engineering |
| Surveyors | Yes | Public Works/Burke Engineering |
| Personnel skilled or trained in GIS applications | Yes | Public Works/Burke Engineering |
| Scientist familiar with natural hazards in local area | Yes | Burke Engineering |
| Emergency manager | Yes | Chicago Ridge EMA |
| Grant writers | Yes | Chicago Ridge Police/Fire/EMA |

TABLE: NATIONAL FLOOD INSURANCE PROGRAM COMPLIANCE

| | |
|--|--------------------------------|
| What department is responsible for floodplain management in your jurisdiction? | Public Works/Burke Engineering |
| Who is your jurisdiction's floodplain administrator? (department/position) | Public Works/Burke Engineering |
| Are any certified floodplain managers on staff in your jurisdiction? | Yes |
| What is the date of adoption of your flood damage prevention ordinance? | 1991 |
| When was the most recent Community Assistance Visit or Community Assistance Contact? | 09-11-07 |

| | |
|---|-------------|
| Does your jurisdiction have any outstanding NFIP compliance violations that need to be addressed? If so, please state what they are. | No |
| Do your flood hazard maps adequately address the flood risk within your jurisdiction? (If no, please state why) | Yes |
| Does your floodplain management staff need any assistance or training to support its floodplain management program? If so, what type of assistance/training is needed? | No |
| Does your jurisdiction participate in the Community Rating System (CRS)? If so, is your jurisdiction seeking to improve its CRS Classification? If not, is your jurisdiction interested in joining the CRS program? | No; Unknown |

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.

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.

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.

Existing Municipal Code:

Sec. 18-20 Definitions

Substantial damage means damage of any origin sustained by a structure whereby the cumulative percentage of damage subsequent to the adoption of the original ordinance from which this section derives equals or exceeds 50 percent of the market value of the structure before the damage occurred regardless of actual repair work performed. Volunteer labor and materials must be included in this determination. The term "substantial damage" includes "repetitive loss buildings."

Substantial improvement.

- (1) The term "substantial improvement" means any reconstruction, rehabilitation, addition or improvement of a structure taking place subsequent to the adoption of the original ordinance

from which this section derives in which the cumulative percentage of improvements equals or exceeds 50 percent of the market value of the structure before the improvement or repair is started or increases the floor area by more than 20 percent.

(2) Substantial improvement is construed to occur when the first alteration of any wall, ceiling, floor or other structural part of the building commences, regardless of whether that alteration affects the external dimensions of the structure. The term "substantial improvement" includes all structures that have incurred repetitive loss or substantial damage, regardless of the actual work done.

(3) The term "substantial improvement" does not include any project for improvement of a structure to comply with existing state or local health, sanitary or safety code specifications that are necessary solely to ensure safe living conditions or any alteration of a structure listed on the state or federal registers of historic places.

Sec. 18-46 Enforcement generally

(a) The village engineer shall be responsible for fulfilling all of the duties listed in [section 18-47](#).

(b) To fulfill those duties, the village engineer first should use the criteria listed in [section 18-21](#), to determine whether the development site is located within a floodplain. Once it has been determined that a site is located within a floodplain, the village engineer must determine whether the development site is within a *flood* fringe, a regulatory floodway, or within a SFHA or floodplain on which no floodway has been identified. If the site is within a *flood* fringe, the village engineer shall require that the minimum requirements of division 3 of this article are met. If the site is within a floodway, the village engineer shall require that the minimum requirements of division 4 of this article are met. If the site is located within a SFHA or floodplain for which no detailed study has been completed and approved, the village engineer shall require that the minimum requirements of division 5 of this article are met.

Sec. 18-47 Duties of the Enforcement Official

The village engineer shall be responsible for the general administration and enforcement of this article which shall include the following:

(1) *Determining the floodplain designation.* Check all new development sites to determine whether they are in a special *flood* hazard area (SFHA). If they are in a SFHA, determine whether they are in a floodway, *flood* fringe or a floodplain on which a detailed study has not been conducted which drains more than one square mile.

(2) *Professional engineer review.* If the development site is within a floodway or in a floodplain on which a detailed study has not been conducted which drains more than one square mile then the permit shall be referred to a registered professional engineer (PE) under the employ or contract of the village for review to ensure that the development meets the requirements of division 4 of this article. In the case of an appropriate use, the registered professional engineer shall state in writing that the development meets the requirements of division 4 of this article.

Sec. 18-106 Preventing increased damages; appropriate uses

The only development in a floodway which will be allowed are appropriate uses, which will not cause a rise in the base flood elevation, and which will not create a *damaging* or potentially *damaging* increase in flood heights or velocity or be a threat to public health and safety. Only those appropriate uses listed in [17](#) Ill. Admin. Code 3708.10 et seq. will be allowed. Appropriate uses do not include the construction or placement of any new structures, fill, building additions, buildings on stilts, fencing (including landscaping or planting designed to act as a fence) and storage of materials except as specifically defined in this subsection as an appropriate use. The approved appropriate uses are as follows:

(10) Floodproofing activities to protect previously existing lawful structures including the construction of watertight window wells, elevating structures, or construction of floodwalls around residential, commercial or industrial principal structures where the outside toe of the floodwall shall be no more than ten feet away from the exterior wall of the existing structure, and, which are not considered *substantial* improvements to the structure.

(11) In the case of *damaged* or replacement buildings, reconstruction or repairs made to a building that are valued at less than 50 percent of the market value of the building before it was *damaged* or replaced, and which do not increase the outside dimension of the building.

| TABLE: COMMUNITY CLASSIFICATIONS | | | |
|---|----------------|-------------------|-----------------|
| | Participating? | Classification | Date Classified |
| Community Rating System | No | N/A | N/A |
| Building Code Effectiveness Grading Schedule | Unknown | -- | -- |
| Public Protection/ISO | Unknown | -- | -- |
| StormReady | Yes | Gold (Countywide) | 2018 |
| Tree City USA | No | N/A | N/A |

Opportunities to Expand and Improve Capabilities

Opportunities to expand and improve capabilities include access to money or grants for facilities and operational capabilities.

Plan Integration

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

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

Emergency Plan Integration:

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

Emergency Operations Plan (EOP)

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

Continuity of Operations Plan (COOP)

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

Recovery Plan

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

Jurisdiction-Specific Natural Hazard Event History

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

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

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

Federal Disasters Declared

| Disaster Declaration Number | Date Declared | Event |
|-----------------------------|---------------|-----------------|
| DR-227 | 4/25/1967 | Tornado |
| DR-351 | 9/4/1972 | Flood |
| DR-373 | 4/26/1973 | Flood |
| DR-509 | 6/18/1976 | Severe Storm(s) |
| DR-643 | 6/30/1981 | Severe Storm(s) |
| DR-776 | 10/7/1986 | Flood |
| DR-798 | 8/21/1987 | Flood |
| DR-997 | 7/9/1993 | Flood |
| DR-1129 | 7/25/1996 | Severe Storm(s) |
| DR-1188 | 9/17/1997 | Severe Storm(s) |

| | | |
|---------|------------|--------------------------------|
| DR-1729 | 9/25/2007 | Severe Storm(s) |
| DR-1800 | 10/3/2008 | Severe Storm(s) |
| DR-1935 | 8/19/2010 | Severe Storm(s) |
| DR-1960 | 3/17/2011 | Snow |
| EM-3068 | 1/16/1979 | Snow |
| EM-3134 | 1/8/1999 | Snow |
| EM-3161 | 1/17/2001 | Snow |
| EM-3230 | 9/7/2005 | Hurricane – Katrina Evacuation |
| EM-3435 | 3/13/2020 | Biological |
| DR-4116 | 5/10/2013 | Flood |
| DR-4489 | 3/26/2020 | Biological |
| DR-4728 | 8/15/2023 | Severe Storm(s) |
| DR-4749 | 11/20/2023 | Flood |

State Disaster Declarations

| Date Declared | Event |
|---|--|
| 7/26/2010 | Severe Storms, High Winds, Torrential Rain |
| 1/31/2011 | Winter Weather |
| 4/25/2011 | High Wind, Tornadoes, Torrential Rain |
| 5/25/2011 | |
| 4/18/2013 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 |
|--|--------------------------------------|-----------|---|
| Illinois Severe Storms, Straight-Line Winds and Flooding | - | 6/30/2019 | Multiple trees and light poles down. Localized flooding and wide-spread power outages occurred. |
| Severe Weather | - | 6/30/2014 | - |
| Illinois Severe Storms, Straight-Line Winds and Flooding | - | 2013 | - |

| | | | |
|---|--------|--------|--------------|
| Illinois Severe Winter Storm and Snowstorm | - | 2011 | - |
| Illinois Severe Storms and Flooding | - | 2010 | - |
| Illinois Severe Storms and Flooding | - | 2008 | - |
| Illinois Severe Storms and Flooding | - | 2007 | - |
| Illinois Flooding | - | 1997 | - |
| Illinois Flooding | - | 1996 | - |
| Illinois Flooding, Severe Storms | - | 1993 | - |
| Illinois Severe Storms, Flooding | - | 1987 | - |
| Illinois Severe Storms, Flooding | - | 1986 | - |
| Illinois Severe Storms, Flooding, Tornadoes | - | 1981 | - |
| Illinois Severe Storms, Flooding, Tornadoes | - | 1976 | - |
| Illinois Severe Storms, Flooding | - | 1973 | - |
| Illinois Severe Storms, Flooding | - | 1972 | - |
| Illinois Tornadoes | DR-227 | 4/1967 | Major damage |

Jurisdiction-Specific Hazards: Vulnerabilities and Impacts

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

Severe Weather/ Severe Winter Weather: Chicago Ridge continues to be impacted by severe storms, severe winter storms, and straight-line winds. As a result, multiple activations of the EOC, power outages, deployments to address storm sewer back-up/cleaning, as well as, road closures have occurred.

Flooding: Flooding as a result of severe storms has occurred numerous times within Chicago Ridge. Recently, flooding between 95th and Harlem required one driver to be rescued.

Earthquake: Although earthquakes or their effects are not commonly felt in Chicago Ridge, earthquakes have happened on several occasions in Illinois over the last few decades. Chicago Ridge continues to prepare and mitigate against this hazards.

| Indicator | Number | Percent |
|--------------------------|--------|---------|
| Families in poverty | 915 | 16.9% |
| People with disabilities | 2,180 | 9.9% |
| People over 65 years | 3,433 | 15.3% |
| People under 5 years | 2,008 | 9% |
| People of color | 6,808 | 30.4% |
| Black | 1,147 | 5.1% |
| Native American | 57 | 0.3% |
| Hispanic | 4,085 | 18.2% |

| | | |
|-------------------------|-------|------|
| Difficulty with English | 1,444 | 7.1% |
| Households with no car | 716 | 8.6% |
| Mobile homes | 68 | 0.8% |

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

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

Jurisdiction-Specific Climate Change Vulnerability and Impacts

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

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

| Hazard | Vulnerability |
|---|-------------------|
| Current Vulnerability | |
| Dam and Levee Failure | Remained the Same |
| Drought | Remained the Same |
| Earthquake | Not Applicable |
| 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) | Remained the Same |
| Tornado | Increased |
| Wildfire (Wildfire Smoke) | Increased |

| Hazard | Vulnerability |
|---|--------------------------|
| Future Vulnerability | |
| Dam and Levee Failure | No Change is Anticipated |
| Drought | Increase |
| Earthquake | Not Applicable |
| 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) | No Change is Anticipated |
| 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) | Remained the Same |
| Severe Weather (Extreme Heat, Lightning, Hail, Fog, High Winds) | Remained the Same |
| Severe Winter Weather (Ice Storms, Heavy Snow, Blizzards, Extreme Cold) | Remained the Same |
| Tornado | Remained the Same |
| Wildfire (Wildfire Smoke) | Remained the Same |

| 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) | No Change is Anticipated |
| 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 |

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 C - 5.25

| Mitigation Action #25: Update Computers and Mobile Radios | | | | | |
|--|--|--|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Emergency Management | Supporting Agencies/ Organizations: Chicago Ridge Police Department & Chicago Ridge Public Works | Estimated Cost: Medium | Potential Funding Source: General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | | 2024 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 2 | | | |
| Applicable Objective | | 3 | | | |
| Cost Analysis (Low, Medium, High) | | Medium | | | |
| Priority and Level of Importance (Low, Medium, High) | | Medium | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | High | | | |
| Action/Implementation Plan and Project Description: | | Update the computers and mobile radios in our Mobile Command Vehicle. The new equipment would then also need to be properly installed. | | | |
| 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; | | N | | | |

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

Ongoing Mitigation Actions

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

Action C - 5.1

| Mitigation Action #1: Construct water reservoir maintenance improvement projects. | | | | | |
|--|--|-------------------------------------|--|---|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Medium | Potential Funding Source: General Fund, BRIC, HMGP | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Earthquake, Flood, Severe Weather/ Winter Weather |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 1,2,3 | | | |
| Applicable Objective | | 1, 2, 3, 4, 9, 12 | | | |
| Cost Analysis (Low, Medium, High) | | Medium | | | |
| Priority and Level of Importance (Low, Medium, High) | | Medium | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | Medium | | | |
| Action/Implementation Plan and Project Description: | | Clean/Repair Water Tower July 2018. | | | |
| 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; | | X | | | |

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

Action C - 5.2

| Mitigation Action #2: Construct water distribution and sewer projects to strengthen system and ensure reliable public water and sewer services. | | | | | |
|--|--|--------------------------------|--|--|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: General Fund, HMGP, BRIC | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: Earthquake |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 1,2,3 | | | |
| Applicable Objective | | 1, 2, 3 | | | |
| 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: | | Ongoing evaluations/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 | | O | | | |

Action C - 5.4

| Mitigation Action #4: Participate in the Community Rating System (CRS). | | | | | |
|--|--|-------------------------------|---|---|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: General Fund, General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Flooding |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 2 | | | |
| Applicable Objective | | 8, 11, 12, 13 | | | |
| Cost Analysis (Low, Medium, High) | | Low | | | |
| Priority and Level of Importance (Low, Medium, High) | | Low | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | Medium | | | |
| Action/Implementation Plan and Project Description: | | | | | |
| 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 C - 5.5

Mitigation Action #5: Educating citizens regarding the dangers of extreme heat and cold and the steps they can take to protect themselves when extreme temperatures occur.

| | | | | | |
|--|---|-------------------------------|--|---|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Extreme Heat, Extreme Cold |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 2,4,6 | | | | |
| Applicable Objective | 6, 8, 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) | Medium | | | | |
| Action/Implementation Plan and Project Description: | The Chicago Ridge EMA has many classes per year about weather safety. | | | | |
| 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 C - 5.6

| Mitigation Action #6: Maintain the viability of all critical facilities and retrofit if necessary. | | | | | |
|---|--|--------------------------------|--|---|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |

| | |
|--|----------------|
| Applicable Goal | 3 |
| Applicable Objective | 1, 2, 7, 9, 12 |
| 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: | |
| 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 C - 5.8

| Mitigation Action #8: Collect information and participate in programs which address emergency preparedness. | | | | | |
|--|--|-------------------------------|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 2 | | | | |
| Applicable Objective | 6, 8 | | | | |
| Cost Analysis (Low, Medium, High) | Low | | | | |
| Priority and Level of Importance (Low, Medium, High) | Medium | | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | Medium | | | | |

| | |
|--|---|
| Action/Implementation Plan and Project Description: | The Chicago Ridge EMA goes to all schools in the village and talks about severe weather. The EMA actively participates in the StormReady 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 C - 5.9

| Mitigation Action #9: Plan for and maintain adequate road and debris clearing capabilities. | | | | | |
|--|--|----------------------------------|--|---|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Medium | Potential Funding Source: General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Severe Winter Weather |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 3 | | | | |
| Applicable Objective | 1, 2, 12 | | | | |
| Cost Analysis (Low, Medium, High) | Medium | | | | |
| Priority and Level of Importance (Low, Medium, High) | High | | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | High | | | | |
| Action/Implementation Plan and Project Description: | Plan in effect for street cleaning | | | | |
| 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 | |
|---|--|

Action C - 5.10

| Mitigation Action #10: Mitigate increased runoff from new development. | | | | | |
|---|--|----------------------------------|--|---|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Medium | Potential Funding Source: Developer, General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Flooding |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 1,2,3 | | | |
| Applicable Objective | | 3, 4, 9, 10, 12 | | | |
| Cost Analysis (Low, Medium, High) | | Medium | | | |
| Priority and Level of Importance (Low, Medium, High) | | High | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | High | | | |
| Action/Implementation Plan and Project Description: | | | | | |
| 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 C - 5.11

| Mitigation Action #11: Promote waterway cleanup activities. | | | | | |
|--|--|-------------------------------|--|---|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: General Fund | Estimated Projected Completion Date: Short-term | Hazard(s) Mitigated: Flooding |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 2,3 | | | |
| Applicable Objective | | 6, 8, 13 | | | |
| Cost Analysis (Low, Medium, High) | | Low | | | |
| Priority and Level of Importance (Low, Medium, High) | | Low | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | Low | | | |
| Action/Implementation Plan and Project Description: | | | | | |
| 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 C - 5.12

Mitigation Action #12: Modify, relocate or bury infrastructure to reduce disruption or loss of service during hazards or disasters.

| | | | | | |
|--|--|--------------------------------|--|--|------------------------------------|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: All |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 1,2,3 | | | |
| Applicable Objective | | 1, 2, 4, 6, 8, 10, 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 C - 5.13

| Mitigation Action #13: Upgrade/retrofit bridges to provide floodplain clearance and meet seismic design standards. | | | | | |
|---|--|--------------------------------|--|--|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: Flooding, Earthquake |

| | |
|--|--------------------------|
| Year Initiated | 2014 |
| Applicable Jurisdiction | Village of Chicago Ridge |
| Applicable Goal | 2,3 |
| Applicable Objective | 1, 2, 6, 8 |
| 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 C - 5.14

| Mitigation Action #14: Evaluate/upgrade the existing stormwater management system. | | | | | |
|---|--|--------------------------------|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Long Term | Hazard(s) Mitigated: Dam Failure, Flooding, Severe Weather, Winter Weather |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 1,2,3 | | | | |
| Applicable Objective | 1, 2, 9, 12 | | | | |

| | |
|--|------|
| 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: | |
| 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 C - 5.15

| Mitigation Action #15: Evaluate/upgrade transportation infrastructure for appropriate emergency access and evacuation capabilities. | | | | | |
|--|---|-------------------------------|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/Organizations: | Estimated Cost: Low | Potential Funding Source: HMGP/PDM, General Fund | Estimated Projected Completion Date: Long Term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 1,2,3 | | | | |
| Applicable Objective | 1, 6, 8, 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 |

Action C - 5.16

| Mitigation Action #16: Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structural damage. Give priority to properties with exposure to repetitive losses. | | | | | |
|---|--|--------------------------------|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: High | Potential Funding Source: BRIC, HMGP | Estimated Projected Completion Date: Long Term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 3 | | | | |
| Applicable Objective | 7, 13 | | | | |
| Cost Analysis (Low, Medium, High) | High | | | | |
| Priority and Level of Importance (Low, Medium, High) | Medium | | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | High | | | | |
| Action/Implementation Plan and Project Description: | | | | | |
| Actual Completion Date or Ongoing Indefinite | | | | | |
| Project Status & Changes in Priority | O | | | | |

| | |
|--|--|
| Completion status legend: N = New; I = In Progress Toward Completion; O = Ongoing Indefinitely; C = Project Completed; R = Want Removed from Annex; X = No Action Taken/Delayed | |
|--|--|

Action C - 5.17

| Mitigation Action #17: Continue to support the countywide actions identified in this plan. | | | | | |
|---|--|-------------------------------|--|--|--|
| Lead Agency/Department Organization: Chicago Ridge Public Works | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 1,2,3,4,5,6 | | | | |
| 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 C - 5.18

| Mitigation Action #18: Actively participate in the plan maintenance strategy identified in this plan. | | | | | |
|--|---|-------------------------------|--|--|--|
| Lead Agency/Department Organization: EMRS | Supporting Agencies/ Organizations: Chicago Ridge Public Works | Estimated Cost: Low | Potential Funding Source: General Fund | Estimated Projected Completion Date: Ongoing | Hazard(s) Mitigated: All Hazards |
| Year Initiated | | 2014 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 1,2,3,4,5,6 | | | |
| Applicable Objective | | 3, 4, 6 | | | |
| Cost Analysis (Low, Medium, High) | | Low | | | |
| Priority and Level of Importance (Low, Medium, High) | | High | | | |
| Benefits of the Mitigation Project (Loss Avoided or Issue Being Mitigated) | | Medium | | | |
| Action/Implementation Plan and Project Description: | | | | | |
| 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 C - 5.20

| |
|---|
| Mitigation Action #20: Where feasible, implement a program to record high water marks following high-water events. |
|---|

| | | | | | |
|--|--|----------------------------------|--|--|---|
| Lead Agency/Department Organization: Chicago Ridge Public Works | 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 Chicago Ridge | | | |
| Applicable Goal | | 4,6 | | | |
| 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: | | | | | |
| 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 C - 5.21

| Mitigation Action #21: Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment. | | | | | |
|---|--|-------------------------------|--|---|------------------------------------|
| Lead Agency/Department Organization: Burke Engineering | Supporting Agencies/ Organizations: | Estimated Cost: Low | Potential Funding Source: General Fund | Estimated Projected Completion Date: | Hazard(s) Mitigated: All |

| | | | | | |
|--|--------------------------|--|--|------------|--|
| | | | | Short term | |
| Year Initiated | 2014 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 2,3,5 | | | | |
| 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: | | | | | |
| 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 C - 5.23

| Mitigation Action #23: Streambank Stabilization along Melvina Ditch | | | | | |
|--|--|---------------------------------------|--|--|---|
| Lead Agency/Department Organization: MWRD | Supporting Agencies/ Organizations: Chicago Ridge Public Works | Estimated Cost: \$8,800,000 | Potential Funding Source: HMGP, BRIC | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: Flooding |
| Year Initiated | 2019 | | | | |
| Applicable Jurisdiction | Village of Chicago Ridge | | | | |
| Applicable Goal | 2,3 | | | | |
| Applicable Objective | 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: | Stabilization along Melvina Ditch, from 95th Street to 99th Street. Approximately 150 linear feet of the ditch at the north end of the project will be stabilized with twin box culverts. The remaining 2,500 linear feet of the ditch will be stabilized with a precast concrete modular block retaining wall 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 | O |

Action C - 5.24

| Mitigation Action #24: Procurement of Incident Command Bus | | | | | |
|---|---|---|--|--|--|
| Lead Agency/Department Organization: EMRS | Supporting Agencies/ Organizations: Chicago Ridge Public Works, Police Department | Estimated Cost: \$105,000; Medium | Potential Funding Source: General Fund | Estimated Projected Completion Date: Long-term | Hazard(s) Mitigated: All Hazards |
| Year Initiated | | 2019 | | | |
| Applicable Jurisdiction | | Village of Chicago Ridge | | | |
| Applicable Goal | | 2,3,6 | | | |
| Applicable Objective | | 1,12 | | | |
| Cost Analysis (Low, Medium, High) | | Medium—The project could be implemented with existing funding but would require a re-apportionment of the budget or a budget amendment, or the cost of the project would have to be spread over multiple years. | | | |

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

Completed Actions

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

| Completed Action Items |
|--|
| Maintain compliance and good standing under National Flood Insurance Program. |
| Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady. |
| Generator install on EOC |

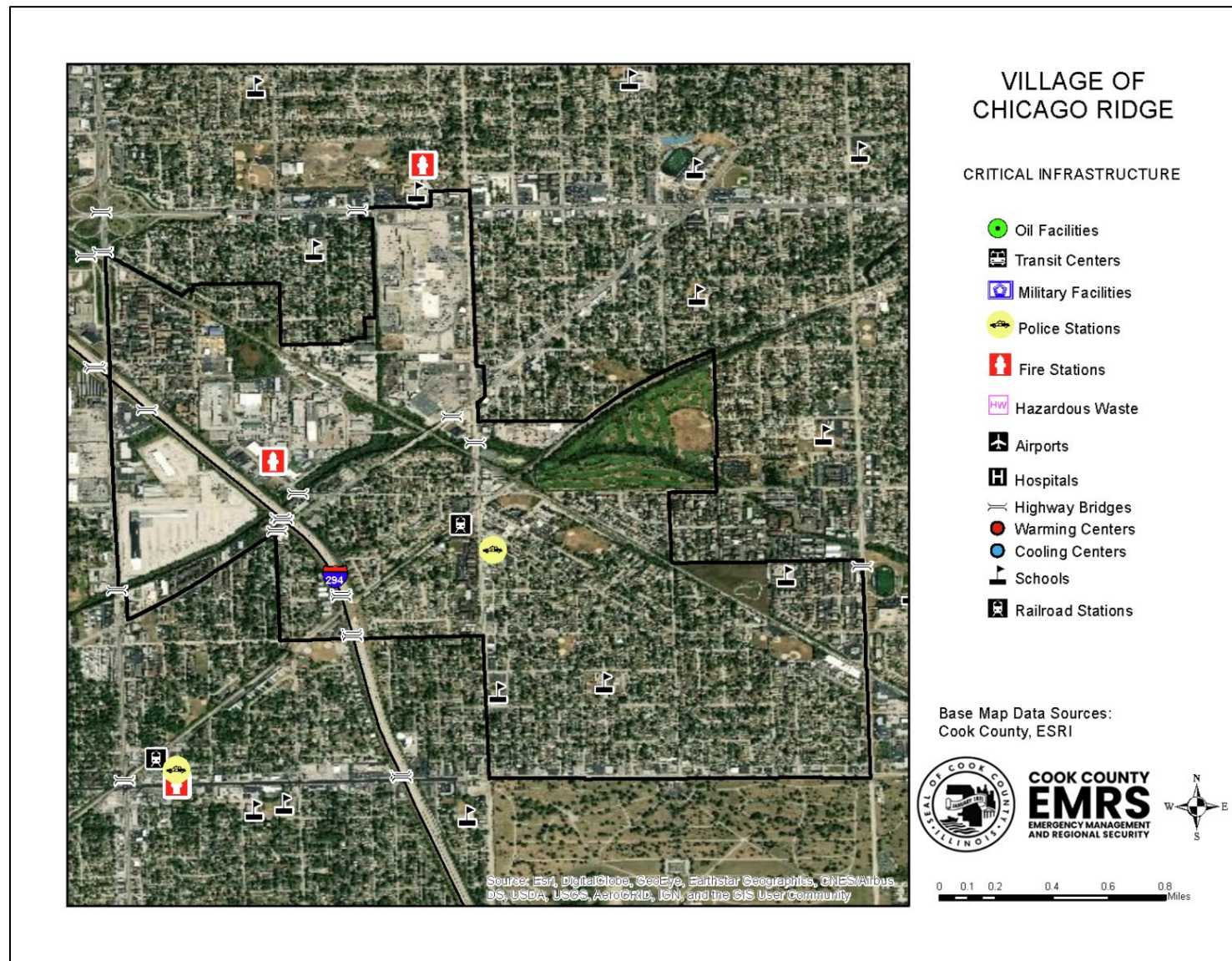
Future Needs to Better Understand Risk/Vulnerability

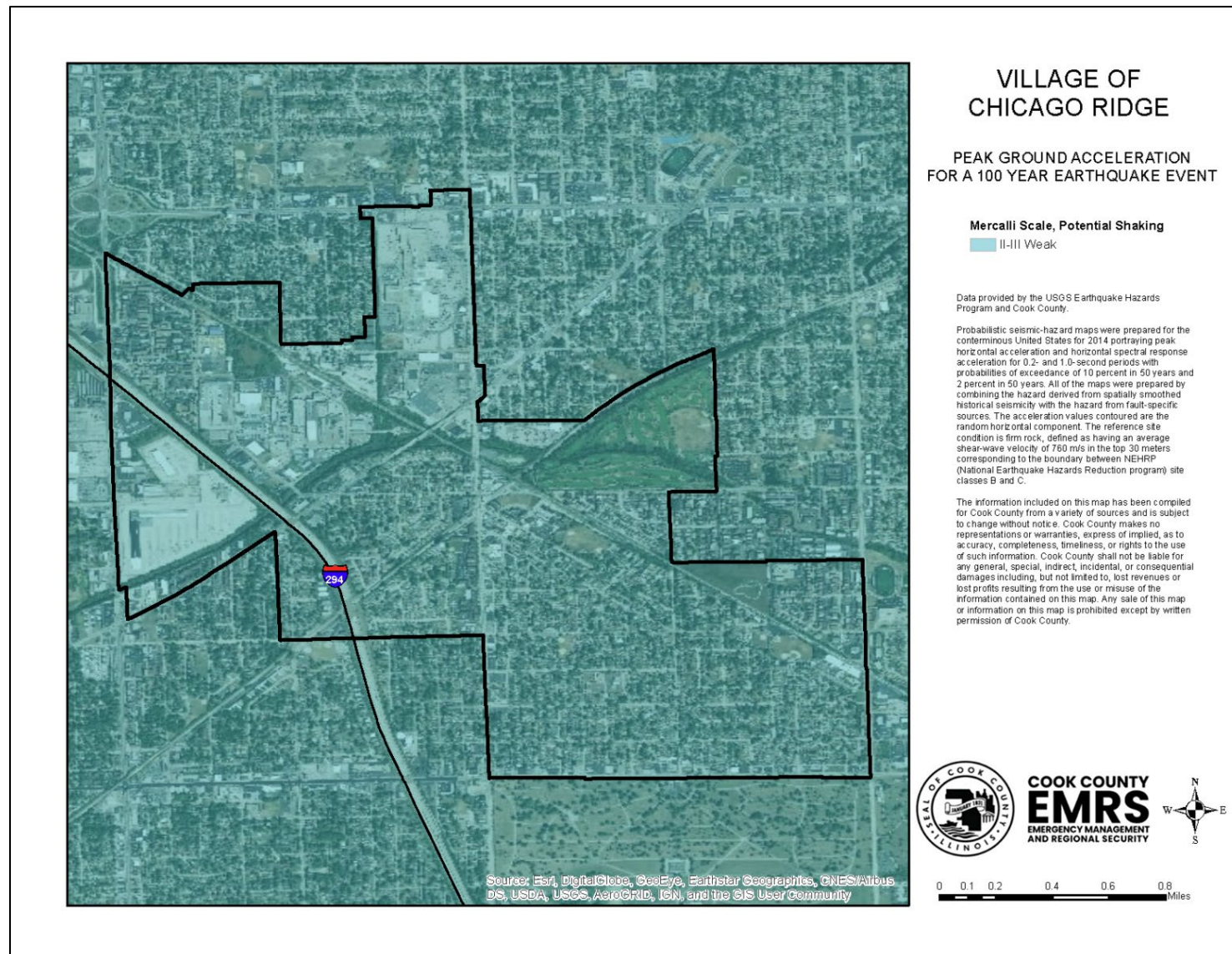
No needs have been identified at this time.

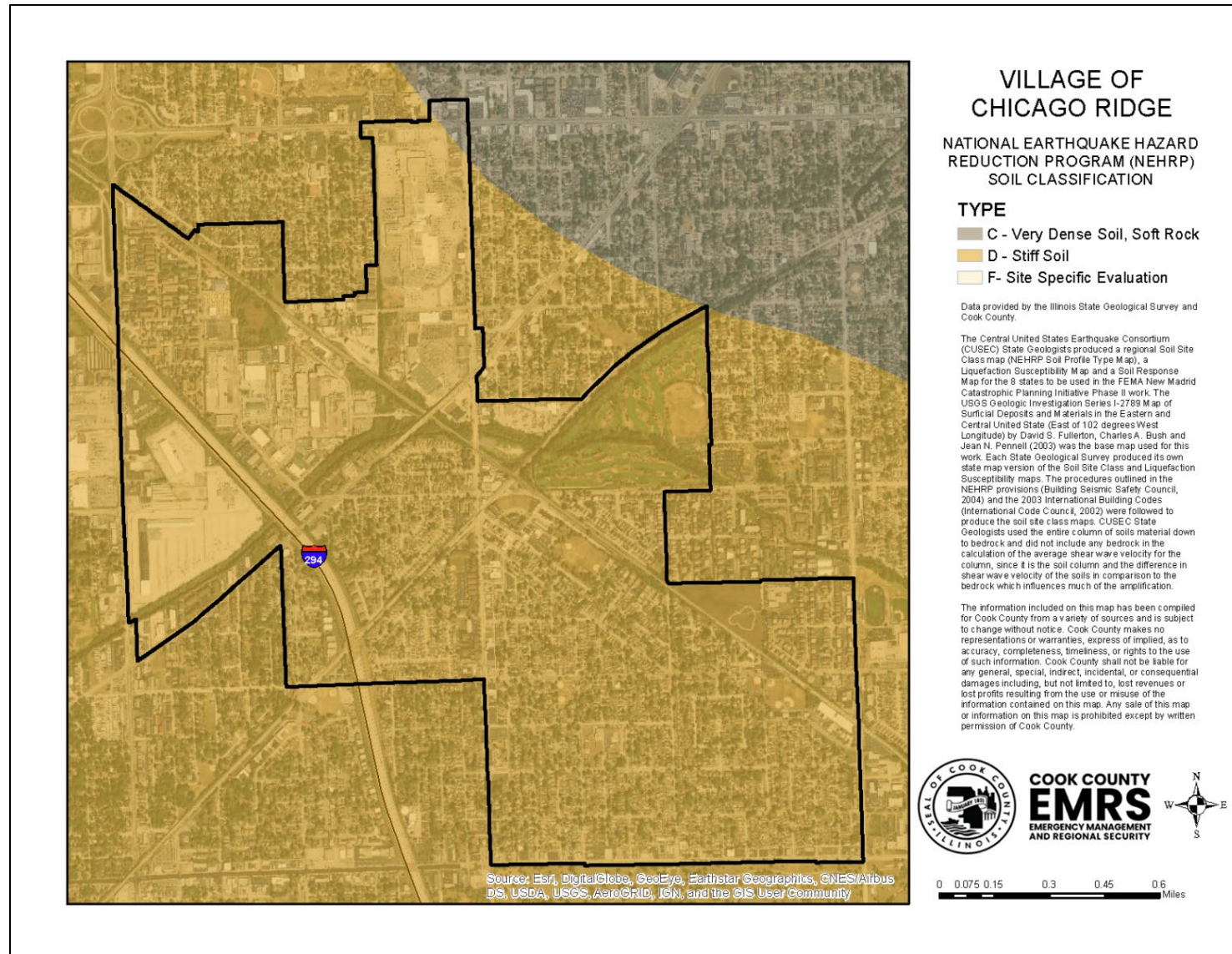
Additional Comments

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>.

