

6 Homewood 2021 MJ-HMP Jurisdictional Annual Report

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Annual Reporting Year: 2021

Background: Cook County and participating municipalities in the county developed a hazard mitigation plan to reduce risk from all hazards by identifying resources, information, and strategies for risk reduction. The federal Disaster Mitigation Act of 2000 requires state and local governments to develop hazard mitigation plans as a condition for federal disaster grant assistance. To prepare the plan, the participating partners organized resources, assessed risks from natural hazards within the county, developed planning goals and objectives, reviewed mitigation alternatives, and developed an action plan to address probable impacts from natural hazards. By completing this process, these jurisdictions maintained compliance with the Disaster Mitigation Act, achieving eligibility for mitigation grant funding opportunities afforded under the Robert T. Stafford Act.

Purpose: The purpose of this report is to provide an annual update on the implementation of the action plan identified in the Cook County Multi-Jurisdictional Hazard Mitigation Plan. The objective is to ensure that there is a continuing and responsive planning process that will keep the Hazard Mitigation Plan dynamic and responsive to the needs and capabilities of the partner jurisdictions. This report discusses the following:

- Natural hazard events that have occurred within the last year
- Changes in risk exposure within the planning area (all of Cook County) Mitigation success stories
- Review of the action plan
- Changes in capabilities that could impact plan implementation
- Recommendations for changes/enhancement.

Hazard Analysis

Hazards that represent a county-wide risk are addressed in the Risk Assessment section of the 2019 Cook County Multi-Jurisdictional Hazard Mitigation Plan Update. This section only addresses the hazards and their associated impacts that are relevant and unique to the municipality.

Flood: The Village is vulnerable to flooding along Ridge Road (homes and road), Heather Road near Perth Road (homes and road), and Chayes Park Drive (road closed and culvert collapsed).

Widespread Power Outage: The village is at risk of life and property in the event of a power outage. When power is lost 7 sanitary sewer lift stations and 1 potable water pump station will not be functional if emergency power is not provided

Severe Weather: The late afternoon into the evening of Tuesday, February 28, 2017 brought a favorable setup for severe weather, including strong tornadoes across much of the Mid-Mississippi Valley and Lower Great Lakes regions. There were seven tornadoes confirmed in the NWS Chicago county warning area. Large hail was reported in numerous areas.

High Winds: The Village is vulnerable to mass power outages as a result of high wind, causing the following potential impacts: lift stations without power (basement back-ups), water pump station without power (loss of potable water difficulty fire fighting).

Ice Storms: Ice storms pose potential power outages at pump stations throughout the Village.

Natural Hazard Events in 2021

Instructions: Please use the **Edit** Tool to describe new hazard occurrences/incidents from the past year that have impacted your jurisdiction and had a measurable impact on people or property. (Example: A tornado occurred on [Date] and impacted [insert area] and caused damage to [insert damages]). You may also use the Edit Tool to suggest any modifications/improvements to the hazards unique to your community, as described below from the 2019 plan.

Describe 2021 Natural Hazard Events Here: On August 24, 2021 the Village of Homewood was hit with a micro burst that caused large power outages in our community along with trees down and large branches blocking streets. Especially hit hard was the area south of 183rd from Western to Halsted

Mitigation Strategies and Actions

The heart of the mitigation plan is the mitigation strategy, which serves as the long-term blueprint for reducing the potential losses identified in the risk assessment. The mitigation strategy describes how the community will accomplish the overall purpose, or mission, of the planning process.

New Mitigation Actions

Please submit [here](#)

Ongoing Mitigation Actions

The following are ongoing actions. During the 2019 update, these "ongoing" mitigation actions and projects were modified and/or amended, as needed. Reviewers of this report should refer to the Hazard Mitigation Plan for more detailed descriptions of each action and the prioritization process. Address the following for each mitigation action:

- Was any element of the action carried out during the reporting period?
- If no action was completed, why?
- Is the timeline for implementation or the action still appropriate?
- If the action was completed, does it need to be changed or removed from the action plan?

TABLE: HAZARD MITIGATION ACTION PLAN MATRIX

Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken								
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action H12.1 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage. Give priority to properties with exposure to repetitive losses.								
Status Description:								
O		Ongoing	All	7, 13	Village of Homewood	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action H12.2 —Continue to support the countywide actions identified in this plan.								
Status Description:								
O		Ongoing	All	All	Village of Homewood	Low	General Fund	Short- and long-term
Action H12.3 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
O		Ongoing	All	3, 4, 6	DHSEM, Village of Homewood	Low	General Fund	Short-term
Action H12.4 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description: Village is a Tree City now and will look at being a Storm Ready Community								
O		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Homewood	Low	General Fund	Long-term
Action H12.5 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet or exceed the minimum NFIP requirements. Such programs include enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts.								
Status Description: Currently reviewing or Flood Plain and Storm Water Ordinances								
O		Ongoing	Flooding	4, 6, 9	Village of Homewood	Low	General Fund	Short-term and ongoing
Action H12.6 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
X		Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Homewood	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action H12.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
O		Ongoing	All	3, 4, 6, 10, 13	Community Development	Low	General Fund	Short-term
Action H12.8 —Continue to participate not only in general mutual-aid agreements, but also in agreements with adjoining jurisdictions for cooperative response to all hazards and disasters.								
Status Description:								
-	-	Completed	All	1, 8	Public Works, Fire, Police	Low	General Fund	Completed
Action H12.9 —Revise Homewood Emergency Operation Plan to coincide with Hazard Mitigation Plan.								
Status Description:								
-	-	Completed	All	1, 4	Public Works	\$3,500; Low	General Fund	Completed
Action H12.10 —Replace two -42" steel culverts.								
Status Description: Village has applied for FEMA funding								
O		New	Flood	2, 7	Village of Homewood	\$250,000; High	Grant	2022
Action H12.11 —Emergency Power.								

Status Description: Continue to seek grant funding								
O		New	Flood, Widespread Power Outage	1, 2, 12, 13	Village of Homewood	\$1,600,000; High	Grants/Local	2021
Action H12.12 —Construction of new water supply with emergency 2nd supply from a different source								
Status Description: Project is 85% completed with plans to complete in 2022								
O		New	Widespread Power Outage		Village of Homewood	\$12,000,000; Low	Local Funds	December, 2022
a. Ongoing indicates continuation of an action that is already in place. Short-term indicates implementation within five years. Long-term indicates implementation after five years.								

Mitigation Success Stories: Examples of mitigation success stories include, but are not limited to: received a Grant, completed a major mitigation project, etc.

Future Needs: Examples of future needs include, but are not limited to: receiving training to better understand the mitigation grant application process, studies that may be needed to better understand hazards/risks, etc.

6.1 Action H12.12

Mitigation Action	Construction of new water supply with emergency 2nd supply from a different source
Year Initiated	2020
Applicable Jurisdiction	Village of Homewood
Lead Agency/Organization	Village of Homewood
Supporting Agencies/Organizations	
Applicable Goal	<ul style="list-style-type: none"> • Develop and implement sustainable, cost-effective, and environmentally sound risk-reduction (mitigation) projects. • Protect the lives, health, safety, and property of the citizens of Cook County from the impacts of natural hazards. • Protect public services and critical facilities, including infrastructure, from loss of use during natural hazard events. • Involve stakeholders to enhance the local capacity to mitigate, prepare for, and respond to the impacts of natural hazards.
Potential Funding Source	Local funds
Estimated Cost	\$12,000,000
Benefits (loss avoided)	Secure reliable potable water for Homewood and Flossmoor residents
Projected Completion Date	December 2022
Priority and Level of Importance (Low, Medium, High)	High Priority
Benefit Analysis (Low, Medium, High)	High—Project will provide an immediate reduction of risk exposure for life and property.
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.
Actual Completion Date	

Recommended Mitigation Action/Implementation Plan and Project Description

Action/Implementation Plan and Project Description:	Construct a new water supply main with emergency secondary water supply with both water supplies being capable to supply the residents of Homewood and Flossmoor with either supply.
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Mitigation Action and Project Maintenance

Year	Status	Comments
2019		
2020	New	
2021		
2022		
2023		

Mitigated Hazards

All Hazards	
	Dam/Levee Failure
	Drought
	Earthquake
	Flood
	Extreme Heat
	Lightning
	Hail
	Fog
	High Wind
	Snow
	Blizzard
	Extreme Cold
	Ice Storms
	Tornado
	Epidemic or pandemic
	Nuclear Power Plant Incident
X	Widespread Power Outage
	Coastal Erosion
	Secondary Impacts from Mass Influx of Evacuees
	Hazardous Materials Incident