

6 Hillside 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 has experienced flooding at the Wolf Rd viaduct and Oak Ridge Ave during heavy rain. The Edgewater retention basin also overflows in prolonged heavy rain. In addition to these serious impacts, mutual aid might be unavailable and emergency response times increase.

Extreme Heat: Extreme heat poses the risk of power outages that the Village's elderly population is particularly vulnerable to. In addition, Village Hall's cooling center maintains very limited capabilities.

Hail: Previously, hail events have resulted in property damage.

High Winds: The Village has experienced power outages and traffic issues during high wind events, jeopardizing the safety of its at-risk populations and knocking down trees. In 2009, Severe thunderstorms moved across northern Illinois during the evening of June 19th producing widespread wind damage and some flash flooding. Trees and large tree limbs were blown down.

Snow: Previously, large snow events have hindered the Village's emergency operations, increasing response times.

Blizzards: The Village has experienced staffing shortages and increased response times in the event of blizzards. Moreover, mutual aid may not be available for this hazard.

Extreme Cold: The Village Hall's warming center is basic.

Ice Storms: Previously, the Village has experienced power outages and traffic issues as a result of ice storms.

Tornado: Resources would be quickly overwhelmed. Mutual aid might be unavailable. Staff may have issues getting to town.

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: [Type Here]

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 H6.1 —Oakridge Creek Pipe Relocation/Replacement through Palumbo/Bekins properties.								
Status Description:								
-	-	Completed	Flood, Severe Weather	1, 2, 3, 8, 9	Public Works	\$700,000; High	Bonds, General revenue, Grants	Completed
Action H6.2 —Provide 38 MG of additional underground detention.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 8, 9	Village of Hillside	\$35,000,000; High	MWRD-Phase 2, Bonds, General Revenue, Grants	2015, Short- term
Action H6.3 —Expand and deepen existing FencI Reservoir to north of current location.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 8, 9	Village of Hillside	\$12,000,000; High	MWRD-Phase 2, Bonds, General Revenue, Grants	2015, Short-term
Action H6.4 —Provide new reservoir on NW side of Mount Carmel Cemetery.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 8, 9	Village of Hillside	\$3,000,000; High	MWRD-Phase 2, Bonds, General Revenue, Grants	2016, Short-term
Action H6.5 —Restrict Illinois Tollway storm water flow to Hillside.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 8, 9	Village of Hillside	\$10,000; Low	General Fund	2014, Short-term
Action H6.6 —Construct new reservoir SW side of Queen of Heaven Cemetery.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 8, 9	Village of Hillside	\$20,000,000; High	MWRD-Phase 2, Bonds, General Revenue, Grants	2016, Short-term
Action H6.7 —Property buyout and establish green space.								
Status Description:								
Ongoing			Flood, Severe Weather	1, 2, 3, 4, 7, 8, 9	Village of Hillside	\$5,800,000; High	FEMA Grants, Local funds	Long-term
Action H6.8 —Conduct village-wide table top drill with all employees and elected official to exercise a simulated disaster.								
Status Description:								
Ongoing			All	1, 5, 8	Fire Department	\$5,000.00; Low	General Fund	2015, Short-term
Action H6.9 —Village to update website information regarding all hazard preparedness.								
Status Description:								
Ongoing			All	1, 5, 8	Emergency Management Agency (EMA)	Low	General Fund	2015, Short-term
Action H6.10 —Review use of Reverse 911 to better inform citizens during emergency related events.								
Status Description:								

-	-	Completed	All	1, 5, 8	EMA	Low	General Fund	Completed
Action H6.11 —Maintain and further develop mutual aid agreements with adjoining jurisdictions for cooperative response to hazards and disasters.								
Status Description:								
-	-	Completed	All	1, 5, 8	EMA, Fire Department, Police Department, Public Works	Low	General Fund	Completed
Action H6.12 —Enforce water conservation measures during high water demand periods.								
Status Description:								
-	-	Completed	Drought	6, 13	Village of Hillside Public Works	Low	General Fund	Completed
Action H6.13 —Maintain political support for county-wide hazard mitigation and response programs.								
Status Description:								
-	-	Completed	All	1, 2, 3, 4, 6, 9, 10, 11, 13	Village of Hillside	Low	General Fund	Completed
Action H6.14 —Develop a post-disaster action plan, including a debris management plan. This should be incorporated into existing emergency management plans.								
Status Description:								
Ongoing			All	1, 5, 8	EMA	Low	General Fund	2015, Short-term
Action H6.15 —Add one additional tornado siren to Hillside.								
Status Description:								
Ongoing			Tornado	1, 5, 8	EMA	\$20,000; High	Grants	Long-Term
Action H6.16 —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:								
Ongoing			All	7, 13	Village of Hillside	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action H6.17 —Continue to support the countywide actions identified in this plan.								
Status Description:								
Ongoing			All	All	Village of Hillside	Low	General Fund	Short- and long-term
Action H6.18 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing			All	3, 4, 6	DHSEM, Village of Hillside	Low	General Fund	Short-term
Action H6.19 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
Ongoing			All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Hillside	Low	General Fund	Long-term
Action H6.20 —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:								
Ongoing			Flooding	4, 6, 9	Village of Hillside	Low	General Fund	Short-term and ongoing
Action H6.21 —Where feasible, implement a program to record high water marks following high-water events								
Status Description:								
Ongoing			Flooding, Severe Weather	3, 6, 9	Village of Hillside	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action H6.22 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								

Ongoing			All	3, 4, 6, 10, 13	Public Works, Village Engineer	Low	General Fund	Short-term
Action H6.23 —Consider the development and implementation of a Capital Improvements Program (CIP) to increase the Village’s regulatory, financial and technical capability to implement mitigation actions.								
Status Description:								
-	-	Completed	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Completed
Action H6.24 —Purchase and install Backup Generators for cooling/warming/critical facilities.								
Status Description:								
Completed			Flood, Extreme Heat, High Wind, Snow, Blizzard, Extreme Cold, Ice Storms, Tornado, Widespread Power Outage	1, 2, 12	TBD	\$650,000; High	Grants	Completed
Action H6.25 —Purchase property South of Fire Station for parking and egress during flooding events								
Status Description:								
Completed			Flood	1, 2	TBD	\$310,000; High	Grants	Completed
Action H6.26 —Install Warning signage for flooded road.								
Status Description:								
New		New	Flood	6, 13	Public Works	\$8,000; Medium	Grants, Local Funds	2021
Action H6.27 —Construct 30-40 MG surface water reservoir on vacant land I-290 and Wolf Road.								
Status Description:								
New		New	Flood	3, 12, 13	Village of Hillside	\$18,000,000; High	Grants/Local Funds	2021
Action H6.28 —Construct parallel in pipe storage for stormwater at four intersections prone to flooding and to alleviate rear yard flooding.								
Status Description:								
New		New	Flood	3, 7, 13	Village of Hillside	\$80,000; High	Grants/Local Funds	2021
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.

The Village was able to complete the following projects: Purchased vacant property to the South of the Fire Station for parking and egress during flooding events, and purchase/installed a new emergency back-up generator for the Fire Station, which replaced a over 50-year old generator that did not power the entire fire station.

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.