

# 6 Hickory Hills 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.

**Severe Weather:** The roof of a junior high school was blown off in Hickory Hills near the intersection of 97th Street and Roberts Road. The roof landed on a service van in a parking lot next to the school. Two occupants in the van were trapped and injured. Numerous trees, tree limbs and power lines were blown down. Several homes along 97th Street received damage from falling trees and tree limbs.

**Flooding:** Several miles of storm sewers in the city limits are in need of replacement due to age.

**Drought:** Hickory Hills continues to regulate days/hours that households are able to water outside during the summer months.

**Extreme Cold:** Annual leak survey suggests precautions of water system in the case of infrastructure damage.

**Earthquake:** On 4/18/2008 at 09:36:59, a magnitude 5.4 (Depth: 8.9 mi) earthquake occurred 226.3 miles away from the city center.

## 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](#)

- Local Drainage Project planned to improve conveyance at 94th street and 82nd Ct. Estimated cost \$100,000

-Plans to improve conveyance of 1300ft of existing storm sewers by cured in place liner system. Estimated cost \$150,000

## 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)
<b>Action H5.1</b> —Continue to service and upgrade the severe weather alert system that is currently in place within the city limits.								
<b>Status Description:</b>								
O		Ongoing	Severe Weather	5, 6	Emergency Management Agency (EMA)	Medium	EMA, Grants	Ongoing
<b>Action H5.2</b> —Continue to review and change as needed the Emergency Operations Guide so that it fits the needs of the city.								
<b>Status Description:</b>								
O		Ongoing	All	1, 8	EMA, Police, Fire Dept., Public Works	Low	EMA	Ongoing
<b>Action H5.3</b> —Improve Storm water management by increasing the size of the retention ponds within the city limits that would also help surrounding communities. (This plan sent to FEMA on 09-20-2013.)								
<b>Status Description:</b>								
O		Ongoing	Flooding	3, 9	Public works	High	IDNR, MWRD, FEMA	Long-term
<b>Action H5.4</b> —Have all new subdivisions constructed in the area bury the service lines to the home to prevent loss of services during storms.								
<b>Status Description:</b>								
O		Ongoing	Severe Weather	3, 10	Building Department	Low	General Fund	Ongoing
<b>Action H5.5</b> —Consider participation in the Community Rating System (CRS).								
<b>Status Description:</b>								
O		Ongoing	Flood	3, 4, 5, 6, 7, 9, 10, 11, 13	Public Works, Building Department	Low	General Fund	Short-Term
<b>Action H5.6</b> —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.								
<b>Status Description:</b>								
O		Ongoing	All	7, 3	Building Department, Public Works	High	FEMA Hazard Mitigation Grants General Fund	Long-term (depending on funding)
<b>Action H5.7</b> —Continue with partnerships among all levels of local government, the private sector and/or nongovernmental organizations to improve and implement methods to protect people and property.								
<b>Status Description:</b>								
O		Ongoing	All	8, 13	City of Hickory Hills	Low	General Fund	Ongoing
<b>Action H5.8</b> —Continue to regulate the days/hours that households are able to water outside during the summer months.								
<b>Status Description:</b>								
O		Ongoing	Drought	3, 13	Public Works, Fire Department	Low	General Fund	Ongoing
<b>Action H5.9</b> —Continue to support the countywide actions identified in this plan.								
<b>Status Description:</b>								
O		Ongoing	All	All	City of Hickory Hills	Low	General Fund	Short and Long-term
<b>Action H5.10</b> —Actively participate in the plan maintenance strategy identified in this plan.								
<b>Status Description:</b>								

O		Ongoing	All	3, 4, 6	DHSE, City of Hickory Hills	Low	General Fund	Short-term
<b>Action H5.11</b> —The City enforces outside watering every year and post this information in locations around the City.								
<b>Status Description:</b>								
O-	-	Removed	All	3, 4, 5, 6, 7, 9, 10, 11, 13	City of Hickory Hills	Low	General Fund	Removed
<b>Action H5.12</b> —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.								
<b>Status Description:</b>								
	-	Removed	Flooding	4, 6, 9	City of Hickory Hills	Medium	General Fund	Removed
<b>Action H5.13</b> —Where feasible, implement a program to record high water marks following high-water events.								
<b>Status Description:</b>								
	-	Removed	Flooding, Severe Weather	3, 6, 9	City of Hickory Hills	Medium	General Fund, FEMA Grant Funds (Public Assistance )	Removed
<b>Action H5.14</b> —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
<b>Status Description:</b>								
O		Ongoing	All	3, 4, 6, 10, 13	Robinson Engineering, Public Works	Low	General Funds	Short-term
<b>Action H5.15</b> —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.								
<b>Status Description:</b>								
O		Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Long-term
<b>Action H5.16</b> —Storm Sewer Replacement.								
<b>Status Description:</b>								
O		New	Flood	1, 2, 7, 12, 13	Public Works	\$850,000; Medium	Local Funds	2025
<b>Action H5.17</b> —Catch Basin Cleaning.								
<b>Status Description:</b>								
O		New	Flood, Snow	12, 13	Public Works	Medium	Local Funds	2024
<b>Action H5.18</b> —Annual Leak Survey of water system.								
<b>Status Description:</b>								
O		New	Earthquake, Extreme Cold	13	Public Works	Medium	Local Funds	Ongoing Annually
(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.

The future needs are to continue the path of up keep to the existing drainage systems and look at how to improve/add new ways to expand storm water containment