

6 Harwood Heights 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: Harwood Heights has two (2) areas that flood about nine (9) blocks of each side of town. The Town also has two (2) box culverts to support flood mitigation efforts, but they are insufficiently large, leading houses and cars to experience flooding. In addition, flooding in the Town's industrial area causes area-wide shutdowns and interior building damage.

Severe Weather: In 2012, numerous large hail reports were received from the near-north side of Chicago. The largest report was of golfball size hail near the intersection of Milwaukee Avenue and Addison Street. Quarter to ping-pong ball size hail was reported near Harwood Heights, Portage Park, Old Irving Park, and just east of North Park. In 2013, A potent upper level disturbance interacted with a very warm and moist air mass, leading to the development of severe thunderstorms. Widespread large hail and damaging winds occurred, as well as several tornadoes. In 2016, Quarter size hail was reported near the intersection of Irving Park and Pulaski Roads.

High Wind: In 2006, twelve-inch diameter tree limbs were blown down. In 2011, a tree approximately two feet in diameter fell onto a moving vehicle causing heavy damage to the car. The incident occurred near the 4900 block of North Austin Avenue. No injuries were reported. In 2011, every block of Harwood Heights had either broken trees or tree limbs. Some streets were completely blocked by fallen trees. A few cars were damaged by fallen trees. One car was damaged by a live powerline when it started a fire. Numerous other powerlines were blown down.

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/Projection Completion Date (a)
Action H3.1 —Continue to main the minimum NFIP participation requirements for communities with no mapped Special Flood Hazard Area.								
Status Description:								
Ongoing	Ongoing	Ongoing	Flood	4, 6, 9	Village of Harwood Heights	Low	General Fund	Short-term and ongoing
Action H3.2 —Where appropriate, support retrofitting, purchase, or relocation of structures located in hazard-prone areas to protect structures from future damage, with properties with exposure to repetitive losses as a priority.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	7, 13	Village of Harwood Heights	High	FEMA Hazard Mitigation Grants	Long-term, depending on funding
Action H3.3 —Integrate the hazard mitigation plan into other plans, ordinances, or programs to dictate land uses within the jurisdiction.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	1, 6, 3, 4, 8, 10	Village of Harwood Heights	Low	General Fund	Short-term
Action H3.4 —Completed Storm Water Study that capture perishable data (ie high water marks, preliminary damage estimates, and damage photos) after significant hazard events to support future updates to the risk assessment of this plan.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	3, 6, 9	Village of Harwood Heights	Medium	General Fund, FEMA Grant Funds (Public Assistance)	Long-term
Action H3.5 —Integrate Village’s Comprehensive Plan with Storm Water Study.								
Status Description:								
Ongoing	Ongoing	Ongoing	Flood, Severe Weather	3, 4, 6, 10	Village of Harwood Heights	Low	General Fund	Short-term
Action H3.6 —Look to update Water System, Pumping Station, and Sewer System.								
Status Description:								
Ongoing	Ongoing	Ongoing	Flood, Severe Weather	2, 6	Village of Harwood Heights	High	State Revolving Fund Loan	Short-term
Action H3.7 —Continue to support the countywide actions identified in this plan.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	All	Village of Harwood Heights	Low	General Fund	Short-term
Action H3.8 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing	Ongoing	Ongoing	All	3, 4, 6	Village of Harwood Heights	Low	General Fund	Short-term
Action H3.9 —Expand 2 box culverts to be able to hold more water so the village residents won't get water through their downstairs windows or floor drain. Plus reduce car damage due to flooding streets.								
Status Description:								
2020: Village submitted to IEMA for FEMA BRIC Grant on 11/20/2020								
Ongoing	Ongoing	New	Flood, Severe Weather	9	Village of Harwood Heights	High	FEMA, MWRD, Harwood Heights	Ongoing; Timeline dependent on funding.

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.