

6 Thornton 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: Patchy areas in neighborhoods throughout the Village experience basement seepage during periods of heavy rain due to aging storm sewer infrastructure.

Severe Weather: High winds affected Thornton

Extreme Heat/Cold: The Village Hall and Fire Department is a designated warming/cooling center for the Village. Risk is related below to possible power outages.

Widespread Power Outage: Current Village hall back-up generator is 20 years old and only provide power for the Village side of the building. The addition of a secondary power supply would ensure power supply to critical public safety agency and cooling/warming facilities for the citizenry of 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: [None]

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
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<p style="text-align: center;">Completion status legend: N = New O = Action Ongoing toward Completion C = Project Completed R = Want Removed from Annex X = No Action Taken</p>								
2021 Status	2020 Status	2019 Status	Hazards Mitigated	Objectives Met	Lead Agencies	Estimated Cost	Sources of Funding	Timeline/Projected Completion Date (a)
Action T1.1 —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:								
Ongoing		Ongoing	All	7, 13	Village of Thornton	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action T1.2 —Continue to support the countywide actions identified in this plan.								
Status Description:								
Ongoing		Ongoing	All	All	Village of Thornton	Low	General Fund	Short - and long-term
Action T1.3 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 6	DHSEM, Village of Thornton	Low	General Fund	Short-term
Action T1.4 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Thornton	Low	General Fund	Long-term
Action T1.5 —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:								
Ongoing		Ongoing	Flooding	4, 6, 9	Village of Thornton	Low	General Fund	Short-term and ongoing
Action T1.6 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
Ongoing		Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Thornton	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action T1.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 6, 10, 13	Contracted Village Engineer	Low	General Fund	Short-term
Action T1.8 —Continue participation and improve class rating in ISO programs (Building Code Effectiveness Grading Schedule & PP).								
Status Description:								
-	-	Completed	All	2, 3, 5, 10	Village of Thornton	Moderate	General Fund	Completed
Action T1.9 —Participate in programs which address emergency preparedness.								
Status Description:								
Ongoing		Ongoing	All	1, 2, 3, 4, 5, 6, 8, 10, 12	Village of Thornton	Moderate	General Fund	Long-term, ongoing
Action T1.10 —Promote "self-sustainability" and disaster preparedness within the Village.								
Status Description:								
Ongoing		Ongoing	All	1, 6, 8	Village of Thornton	Low	General Fund	Long-term, ongoing
Action T1.11 —Provide a back-up generator for the fire department and replace the old generator at the Village Hall side of the building.								
Status Description:								

Still Planning		New	Extreme Heat, Extreme Cold, Widespread Power Outage	2	Thornton Fire Department	\$100,000; Medium	Local Funds	2022
Action T1.12 —Thornton School District 154 Wolcott School Playground Equipment								
Status Description:								
Completed		New	Flood	12	MWRD	Unknown	MWRD	Short-term
(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.