

6 South Holland 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: Overbank flooding properties adjacent to the Little Calumet River and Thorn Creek are subject to flooding- in 2008 record flooding occurred along the Little Calumet River and its tributaries in northeast Illinois and northwest Indiana.. Also, the combined sewer is in the Village's older reserve stations.

Lightning: A wide range of the Town is vulnerable to the impacts of lightning.

Hail: A wide range of the Town is vulnerable to the impacts of hail. A weak surface trough dropped across northern Illinois during the evening of June 28th. Triple digit heat led to extreme instability over the area, and explosive growth of thunderstorms occurred as they moved across the Chicago Metro area dropping large hail.

High Wind: A wide range of the Town is vulnerable to the impacts of high wind. The Village has also experienced severe straight-line winds. Strong north winds blew down the entire fetch of Lake Michigan causing high waves and damaging winds along the south shore of the lake. The high winds also blew down tree limbs, power lines and signs.

Snow: The whole Village, including I-80, I-294, I-394, and I-94, is subject to the impacts of snow as well as the potential for stranded motorists. A synoptic system brought 2 to 5 inches of snow across portions of northern Illinois, however semi-organized lake effect snow bands resulted in snow totals reaching 6 to 8 inches across portions of the Chicago metro area. Storm total snow report were 7.0 inches in South Holland.

Blizzards: The whole Village, including I-80, I-294, I-394, and I-94, is subject to the impacts of snow as well as the potential for stranded motorists.

Extreme Cold: The whole Village is vulnerable to the impacts of extreme cold.

Ice Storms: The whole Village is vulnerable to the impacts of ice storms.

Tornado: The whole Village is vulnerable to the impacts of tornadoes.

Winter Weather: Freezing drizzle developed during the early morning of December 29th and continued through late morning. A light glaze of ice accumulated on many roads causing numerous accidents and spin outs. One man was killed after exiting his vehicle which had spun out and being struck by another vehicle near South Holland.

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 for 2021

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 [None for 2021](#)

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 S7.1 —Continue using the flood management committee as hazard advisory to the Village Board and public.								
Status Description:								
O		Ongoing	Flooding	3, 4, 5, 6, 8, 10, 12, 13	Building Department	Low	General Revenue	Short-term
Action S7.2 —Consider or maintain participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
O		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Building Department	Low	General Revenue	Short-term
Action S7.3 —Review floodplain regulations to identify feasible enhancements to reduce future risk to flooding.								
Status Description:								
O		Ongoing	Flooding	1, 3, 4, 9, 10, 12, 13	Building Department	Low	General Revenue	Short-term
Action S7.4 —Update flood response plan annually.								
Status Description:								
O		Ongoing	Flooding, Severe Weather	1, 5, 8, 9, 12	Building/Fire Department	Low	General Revenue	Short-term
Action S7.5 —Provide mitigation rebates.								
Status Description:								
O		Ongoing	Flooding-Sewer Backup, Severe Weather	2	Building Department	Medium	General Revenue	Short-term
Action S7.6 —Complete street and sewer repairs and conduct storm water system maintenance.								
Status Description:								
O		Ongoing	Flooding	1, 2, 9, 12	City Engineer	High	General Revenue-Grants	Long-term
Action S7.7 —Complete special information projects.								
Status Description:								
O		Ongoing	All	6	Building Department-Fire Department-Public Works	Low	General Revenue-Grants	Short-term
Action S7.8 —Provide additional staff training.								
Status Description:								

O		Ongoing	All	1, 4, 6, 8, 10	Building Department- Fire Department- Public Works	Low	General Revenue- Grants	Short-term
Action S7.9 —Where appropriate, support retrofitting, purchase, or relocation of structures in hazard-prone areas to prevent future structure damage.								
Status Description:								
O		Ongoing	All	7, 13	Village of South Holland	High	FEMA Hazard Mitigation Grants	Long-term
Action S7.10 —Continue to support the county-wide actions identified in this plan.								
Status Description:								
O		Ongoing	All	All	Village of South Holland	Low	General Fund	Short-and long-term
Action S7.11 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
O		Ongoing	All	3, 4, 6	DHSEM, Village of South Holland	Low	General Fund	Short-term
Action S7.12 —Maintain good standing under the National Flood Insurance Program by implementing programs that meet and exceed the minimum NFIP requirements.								
Status Description:								
O		Ongoing	Flooding	4, 6, 9	Village of South Holland	Low	General Fund	Short-term and ongoing
Action S7.13 —Where feasible implement a program to record high water marks following high-water events.								
Status Description:								
O		Ongoing	Flooding, Severe Weather	3, 6, 9	Village of South Holland	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action S7.14 —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	Planning and Development Director	Low	General Fund	Short-term
Action S7.15 —Enhance Tornado Warning System.								
Status Description:								
O		New	Tornado	5	Fire Department	\$100,000; Medium	Grants, Federal Fund	Short-Term
Action S7.16 —Increase drainage capacity to Elm St., Cherry St., Park Ln, and Maple St.								
Status Description:								
O		New	Flood	2, 9	Public Works	\$1,800,000; High	General Fund/Grants	Long-Term
Action S7.17 —Increase flowage of stormwater on 170th Street between Cottage Grove and Parkside.								
Status Description:								
O		New	Flood	2, 9, 12	Public Works	\$700,000; High	General Funds/Grants	Long-Term
Action S7.18 —Reconstruction of Thorn Ditch and Pioneer Park to allow increase of water flowage and capacity of water retention.								
Status Description:								
O		New	Flood	2, 9, 12	Public Works	\$650,000; High	General Funds/Grants	Long-Term
Action S7.19 —Remove all asphalt at Gouwens Park and replace with easy drainage material (drain-thru).								
Status Description:								
O		New	Flood	3, 13	Public Works	\$600,000; High	General Funds/Grants	Long-Term
Action S7.20 —Increase storm capacity and reroute storm drainage to larger detention area. In the area of East 160th Pl. and University Ave.								

Status Description:								
O		New	Flood	2, 3, 9, 10, 13	Public Works	\$500,000; High	General Fund/Grants	Long-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: We were able to replace all storm sewers on 160th Place in South Holland and improve storm water removal from the area.

Future Needs: We will need to further investigate the use of grant funding to complete some of our mitigation efforts above.