

6 Stickney 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.

Dam/Levee Failure: The residential area South of 43rd to 45th St., the ComEd substation (4300 blocks of Ridgeland), and 3rd St. Ridgeland to East Ave are vulnerable to dam/levee failure.

Flood: The residential area South of 43rd to 45th St., the ComEd substation (4300 blocks of Ridgeland), and 3rd St. Ridgeland to East Ave are vulnerable to flooding. In 2013, The exit ramp from southbound I-55 to Cicero Avenue was flooded and closed. An observer approximately four miles northeast measured an inch of rain in 15 minutes. A public report of 0.95 inches in 17 minutes was received from Berwyn.

Extreme Heat: Pershing Gardens (Convalescent Center) and the Hawthorne Race Course are vulnerable to the impacts of extreme heat.

Snow: The Village is vulnerable to the impacts of heavy snow at Harlem Avenue, Cicero Avenue, Ridgeland Avenue, Pershing Road, Oak Park Avenue, and 41st Street.

Blizzards: The Village is vulnerable to the impacts of blizzards at Harlem Avenue, Cicero Avenue, Ridgeland Avenue, Pershing Road, Oak Park Avenue, and 41st Street.

Extreme Cold: Within the Village, Pershing Gardens and the Hawthorne Race Course are vulnerable to the impacts of extreme cold events.

Ice Storms: Within the Village, Pershing Gardens and the Hawthorne Race Course are vulnerable to the impacts of ice storms.

Tornado: Schools, Preschools, Koppers Chemical, the MWRD Stickney Plant, the Hawthorne Race Course, Pershing Gardens, ComEd SS, McCook Pumping Station, and the Stickney Pumping Station are vulnerable to tornadoes.

Severe Weather: In 1995, winds knocked down large tree limbs onto a parkway and sidewalk at Stickney. In Berwyn, two trees toppled over, one landed on the roof of a house. Another tree branch fell on a house and a van. In 2007, a strong thunderstorm developed over northeast Illinois during the early morning hours of September 7th. Numerous trees were blown down throughout the city with some large trees 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: We have not had any natural disasters.

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 S9.1 —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:								
O		Ongoing	All	7, 13	Village of Stickney	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action S9.2 —Continue to support the countywide actions identified in this plan.								
Status Description:								
O		Ongoing	All	All	Village of Stickney	Low	General Fund	Short- and long-term
Action S9.3 —Actively participate in the plan maintenance strategy identified in this plan								
Status Description:								
O		Ongoing	All	3, 4, 6		Low	General Fund	Short-term
Action S9.4 —Consider 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	Village of Stickney	Low	General Fund	Long-term
Action S9.5 —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:								
O		Ongoing	Flooding	4, 6, 9	Village of Stickney	Low	General Fund	Short-term and ongoing
Action S9.6 —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 Stickney	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action S9.7 —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	Engineering Contractor	Low	General Fund	Short-term
Action S9.8 —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:								
O		Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if completed)	Long-term
Action S9.9 —Monitor water supply, assist vulnerable populations, educate property owners about flood mitigation techniques.								
Status Description:								

O		New	All	6, 12	Village of Stickney	Unknown; Low	None Identified	Ongoing.
Action S9.10 —Educate residents about flood mitigation techniques.								
Status Description:								
O		New	Flooding	6	Village of Stickney Police Department	Low	Local Funds	2023
Action S9.11 —Launch Public Parking Lot Reconstruction GI Improvements								
Status Description:								
O		New	Flooding, Snow	2, 3, 10	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.