

6 Calumet City 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 community requires levee maintenance along the southern border of Calumet City on the Little Calumet River. Maintenance should include debris maintenance and animal damage. There are thousands of trees growing on the Calumet City levee. These trees pose a severe threat to the stability of this levee. The levee suffered a break in 2008 at parcels 30-29-201-062/063 on Shirley Ave.

Flood: The community requires maintenance of the Yates Ave. retention area. In addition, the community would benefit from providing knowledge to residents on backup prevention and program., and flash flood prevention.

Severe Weather: In order to protect the City's residents and infrastructure during high wind events, the City requires tree maintenance near power line easements citywide.

Severe Winter Weather: The community would benefit from residents being provided knowledge on the importance of clearing snow and not narrowing streets during snowstorms. Previously, these incidents have caused plows and emergency vehicles to not fit down streets. Similar to the case of snowstorms, the community would benefit from blizzard/heavy snow preparedness education. This could prevent travel future travel issues for plows and emergency vehicles.

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

<p 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 C1.1 —Continue using the Floodplain Management Committee as hazard advisory board to the City Council. Collect information, report to City Council, participating offices, and the public on Plan implementation.								
Status Description:								
Ongoing		Ongoing	Flooding	3, 4, 5, 6, 8, 10, 12, 13	Emergency Services and Disaster Agency	Low	City, General Revenue	Short-term ongoing
Action C1.2 —Continue participation in CRS and Program Reviews; Building code review to improve Building Code Effectiveness Grading Schedule classification, community assistance visit by FEMA, cycle verification visit for the CRS.								
Status Description:								
Ongoing		Ongoing	Flooding	3, 10, 11	Emergency Services and Disaster Agency	Low	City, General Revenue	Short-term ongoing
Action C1.3 —Floodplain Regulations; review and enforcement.								
Status Description:								
Ongoing		Ongoing	Flooding	1, 3, 4, 9, 10, 12, 13	Floodplain Management Committee, Dept. of Inspectional Services	Low	City, General Revenue	Short-term ongoing
Action C1.4 —Flood Response Plan: Flood stage forecast map and new flood response procedures.								
Status Description:								
Ongoing		Ongoing	Flooding	1, 5, 8, 9, 12	Emergency Services and Disaster Agency	Medium	City, General Revenue	Short-term
Action C1.5 —Mitigation of Floodplain Properties: Properties exposed to flood damage shall be protected through property protection measures where regional structural projects are not feasible.								
Status Description:								
Ongoing		Ongoing	Flooding	1, 2, 6, 7, 9, 10	Department of Inspectional Services	High	City, General Revenue, Grants	Ongoing
Action C1.6 —The Department of Inspection Services will continue to administer the rebate program to encourage and assist property owners with protecting their properties from sewer backup. For every dollar spent by City, \$2 will be spent to protect a property from damage.								
Status Description:								
-	-	Completed	Flooding, Severe Weather	2, 7, 9	Department of Inspectional Services	\$30,000; Medium	City, General Revenue	Completed
Action C1.7 —Investigation of Critical Facilities to determine if buildings/facilities are located in hazardous locations.								
Status Description:								
Ongoing		Ongoing	All Hazards	1, 2, 7	Emergency Services and Disaster Agency	\$100,000; High	City, General Revenue, Grants	Long-term Depending on funding
Action C1.8 —Critical Facilities Emergency Response Plans. Provide advice and assistance on developing emergency response plans for the interested critical facilities regarding appropriate hazards.								
Status Description:								
Ongoing		Ongoing	Multi-Hazard	1, 2, 7	Emergency Services and Disaster Agency	Low	City, General Revenue	Short-term

Action C1.9 —Levee Evaluation: Continue to mow and inspect levee on regular basis. Pursue advice from the Army Corps of Engineers as to the long term rehabilitation of the levee. An analysis using the Corps' Levee Owner's Manual for Non-Federal Flood Control Works should be conducted.								
Status Description:								
-	-	Completed	Flooding	1, 2, 3, 8, 9, 12	City Engineer	Low	City, General Revenue	Completed
Action C1.10 —Stormwater System Maintenance: Continue to maintain drainage channels and the Little Calumet River levee.								
Status Description:								
-	-	Completed	Flooding/Sewer Backup	1, 2, 9, 12	City Engineer and Sewer and Water Department	Medium	City Water Capitalization Program. CDBG Disaster Recovery Ike Program.	Completed
Action C1.11 —Safe Rooms and Sheltering: Residences, businesses, critical facilities, health care facilities and schools should be considered. As needs are identified, construction of safe rooms should be considered.								
Status Description:								
Ongoing		Ongoing	Tornado, Severe Weather, Severe Winter Weather	1, 3, 6, 8, 12	Emergency Services and Disaster Agency	High	City, General Revenue, Grants	Long-term
Action C1.12 —Promotion of Flood Insurance: Property owners in 100-year and 500-year floodplain should be encouraged to purchase and maintain flood insurance.								
Status Description:								
Ongoing		Ongoing	Flooding	4, 6	Department of Inspectional Services	Low	City, General Revenue	Ongoing
Action C1.13 —Outreach Projects to receive CRS credit: Mail newsletters, handouts, public access TV, personal permit advising, on site visits and drainage reviews, internet based information, and public library references to convey hazard mitigation information.								
Status Description:								
Ongoing		Ongoing	All Hazards	6,8,11	Department of Inspectional Services	Low	City, General Revenue	Ongoing
Action C1.14 —Special Public Information Projects: Additional public information projects.								
Status Description:								
Ongoing		Ongoing	All Hazards	6, 8, 11	Emergency Services and Disaster Agency, Floodplain Management Committee	Low	City, General Revenue	Ongoing
Action C1.15 —Staff Training: Pursue training seminars and conferences conducted by Illinois Association of Floodplain and Stormwater Management, Illinois Dept. of Natural Resources, Metropolitan Water Reclamation District of Greater Chicago and FEMA.								
Status Description:								
-	-	Completed	Flooding	1, 4, 6, 8, 10	City Dept. of Inspectional Services	Low	City, General Revenue	Completed
Action C1.16 —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:								
-	-	Completed	Flooding	4, 6, 9	Emergency Services and Disaster Agency	Low	City, General Revenue	Completed
Actions C1.17 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description:								
Ongoing		Ongoing	Flooding, Severe Weather	3, 6, 9	Calumet City	Medium	City, General Revenue; FEMA Grant Funds (Public Assistance)	Long-term

Action C1.18 —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	City Council	Low	City, General Revenue	Short-term
Action C1.19 —Continue to support the countywide actions identified in this plan.								
Status Description:								
-	-	Completed	All	All	Calumet City	Low	City, General Revenue	Completed
Action C1.20 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description:								
-	-	Completed	All	3, 4, 6	DHSEM (Calumet City)	Low	City, General Revenue	Completed
Action C1.21 —Expand Action C1.13 - Outreach to include prevention measures for citizens to use to reduce flood risk and damage.								
Status Description:								
No Action		New	Dam/Levee Failure, Flood	6, 9	ESDA	\$20,000; High	406 fund	Unknown
Action C1.22 —City of Calumet City - Green Infrastructure.								
Status Description:								
No Action		New	Flood	13	MWRD	Unknown	Unknown	Unknown
(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.