6 Harvey 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: 147th to 159th and Wood St. within the central area of the City is flood-prone.

Severe Weather: Multiple large tree branches, 6 to 8 inches in diameter, were blown down south of 155th Street between Wood Street and Halstead Ave.

Severe Winter Weather: Powerful severe thunderstorms moved southeast across far northeast Illinois during the late evening hours of June 30th 2011. Thousands of trees were blown down in eastern Lake County Illinois. Hail as large as baseballs fell across many areas of the city of Chicago.

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/Projected Completion Date (a)	

Action H2.1—Educate property owners about flood mitigation techniques including using outreach activities to facilitate technical assistance program that									
address measures that citizens can take or facilitate funding for mitigation measures.									
Status Description:									
0		Ongoing	Flood, Severe Weather	1, 12	City of Harvey	Low	General Fund, Grant	Short-term	
Action H2.2—Improve stormwater drainage capacity by increasing the capacity of the City's storm sewer drainage system									
Status Descri	ption:								
0		Ongoing	Flood, Severe Weather	1, 2, 9, 13	City of Harvey	High	Grant	Long-term	
Action H2.3—Assess vulnerability to severe wind using GIS to map areas that are at risk to the wind hazard associated with straight-line wind conditions.									
Status Description:									
О		Ongoing	Severe Weather	3, 4, 10	City of Harvey	High	Grant	Long-term	
Action H2.4— hazards.	Incorporate a Gl	IS system/manaoู	gement plan for tr	acking permitting	, land use patterns	s, tracking hazard	data, and mappin	g risk for various	
Status Descri	ption:								
0		Ongoing	All	3, 4, 10	City of Harvey	Medium	Grant	Long-term	
Action H2.5—	Develop and ma	aintain a databas	e to track commu	nity vulnerability t	o known hazard a	reas			
Status Descri	ption:								
0		Ongoing	All	1, 5, 6	City of Harvey	Medium	General Fund, Grant	Short-term	
Action H2.6—	Protecting infras	tructure and criti	cal facilities from	damage by engir	neering and/or retr	ofitting roads to w	vithstand hazards.		
Status Descri	ption:								
0		Ongoing	All	1, 2, 9, 13	City of Harvey	High	Grant	Long-term	
Action H2.7—	Improve sewer	capacity for storn	nwater and snow	melt by separatin	g the combined se	ewer system.			
Status Descri	ption:								
0		Ongoing	Flood, Severe Weather, Severe Winter Weather	1, 2, 9, 13	City of Harvey	High	IEPA, Grants	Ongoing	
Action H2.8—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 Descri		<u> </u>							
o		Ongoing	All	7, 13	City of Harvey	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)	
Action H2.9—	Continue to sup	port the countywi	de actions identif	ied in this plan.					
Status Descri	ption:								
0		Ongoing	All	All	City of Harvey	Low	General Fund	Short- and long-term	
Action H2.10-	-Actively particip	oate in the plan m	naintenance strat	egy identified in th	nis plan.				
Status Description:									
o		Ongoing	All	3, 4, 6	DHSEM, City of Harvey	Low	General Fund	Short-term	
Action H2.11—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	City of Harvey	Low	General Fund	Long-term	
Action H2.12—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	puon.	Ongoing	Flooding	4, 6, 9	City of Harvey	Low	General Fund	Short-term and	
Action H2 12	-Where feasible	implement a pr	ogram to record	high water marks	following high was	ter evente		ongoing	
ACUON HZ.13-	-vviiere reasible	, implement a pr	ogram to record	nign water marks	following high-wat	ici evenis.			

Status Description:									
0		Ongoing	Flooding, Severe Weather	3, 6, 9	City of Harvey	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long term	
Action H2.14—Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.									
Status Description:									
0		Ongoing	All	3, 4, 6, 10, 13	Engineering Consultant, Public Works, Department of Buildings	Low	General Fund	Short-term	
Action H2.15—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:									
0		Ongoing	All	1, 2, 7	Public Works	High	CIP component of general fund (if implemented)	Long term	
Action H2.16—Storm sewer replacement, green infrastructure, and permeable pavement.									
Status Description:									
0		New	Flood	9	MWRD/Cook County	\$5,000,000; High	MWRD/Cook County	2022	
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.