6 Berkeley 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: In 2014, due to flash/urban flooding interstate 290 was closed between Harlem Avenue and Mannheim Road with portions of the interstate covered with up to four feet of water. Multiple cars were stranded in the water before it closed. A portion of the far-right eastbound lane buckled from the high water.

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)	

		te, support retrofit ure to repetitive lo		r relocation of stru	ıctures in hazard-	prone areas to p	revent future struc	ture damage. Give
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All	7, 13	Village of Berkeley	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action B7.2—	Continue to supp	ort the countywide	e actions identifie	d in this plan.				
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All	All	Village of Berkeley	Low	General Fund	Short- and long-term
Action B7.3—	Actively participat	te in the plan mair	ntenance strategy	identified in this ہ	olan.			
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All	3, 4, 6	DHSEM, Village of Berkeley	Low	General fund	Short-term
Action B7.4—	Consider particip	ation in incentive-	based programs	such as, Tree Cit	y, and StormRea	dy.		
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	Village of Berkeley	Low	General fund	Long-term
requirements.	Such programs in		n adopted flood o	damage preventio			eet or exceed the lain mapping upda	minimum NFIP ates, and providing
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	Flooding	4, 6, 9	Village of Berkeley	Low	General Fund	Short-term and ongoing
Action B7.6—	Where feasible, i	mplement a progr	am to record high	h water marks foll	owing high-water	events.		
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	Flooding, Severe Weather	3, 6, 9	Village of Berkeley	Medium	General Fund, FEMA Grant Funds (Public Assistance)	Long-term
Action B7.7—	ntegrate the haz	ard mitigation pla	n into other plans	, programs, or res	sources that dicta	te land use or red	levelopment.	
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All	3, 4, 6, 10, 13	Civil Tech	Low	General Fund	Short-term
Action B7.8—		RD regarding pre	ventative measur	es regarding floo	ding during sever	e weather periods	S.	
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	Flood, Severe Weather	1, 2, 7, 8, 9, 10	MWRD, Village of Berkeley	High	MWRD-Phase II, FEMA grants, Bonds	Long-term
Action B7.9—	mprovement to E	Emergency warnir	ng sirens by addir	ng more to system	so they can be h	neard in the entire	e Village.	
Status Descri	ption:							
-	-	Completed	All Hazard	2, 5	Village of Berkeley	Low	General Fund	Completed
Action B7.10-	-Provide residen	ts with sand bags	and plastic for p	urposes of floodin	g mitigation meas	sures during seve	ere weather.	
Status Descri	ption:							
-	-	Removed	Flood, Severe Weather	4, 5, 10	Village of Berkeley	Low	General Fund	Removed
Action B7.11—disasters.	-Continue to part	icipate in mutual	aid agreements a	ınd agreements w	rith adjoining juris	dictions for coope	erative response to	o all hazards and
Status Descri	ption:							
Ongoing	Ongoing	Ongoing	All Hazards	2, 4	Village of Berkeley	Low	General Fund	Short-term and Ongoing
Action B7.12—Utilize footage from newly installed camera to identify and fix storm and sanitary sewers that have blockage(s) or breach(es).								
Status Descri	ption:							
Ongoing	Ongoing	New	Flood	6, 9	Village of Berkeley	\$50,000; Low	Local Funds	2019

Action B7.13—McDermott Drive/Morris Avenue Storm Sewer Improvements									
Status Description:									
-	-	Completed	Flood	2, 9	MWRD	\$6,338,595; High	MWRD, Remainder Unknown	Completed	
(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.