

6 Oak Forest 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: Four to five inches of standing water at 167th and Cicero.

Dam/Levee Failure: Street flooding at 15200 S. Oak Park Ave. City seeks to work with IDOT, Village of Oak Lawn, and Cook County Forest Preserve District to mitigate street flooding. Investigating drainage system improvements to prevent water ponding in ROW and endangering the motoring public.

Severe Weather: A powerful line of thunderstorms moved across northern Illinois during the evening hours of August 4th, 2008. Widespread and significant wind damage was reported along with several brief tornadoes on the leading edge of this line of storms.

Drought, Extreme Heat: Similarly to the rest of Cook County, during the summer season the Village is at risk of severe droughts.

Hail: Nickel size hail was reported at 167th and Cicero.

High Wind: During the late afternoon and evening of June 24th 2004, a bow echo raced across northern Illinois causing widespread wind damage and spawning at least one tornado.

Wide Spread Power Outage: 8/23/2007 - The City of Chicago reported over 6,400 tree emergencies, over 200 damaged light poles, and over 350 downed power lines. A 40 inch diameter tree was blown down on West Waveland Street in Chicago. ComEd reported that a total of 615,000 customers lost power during the storms.

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 O2.1 —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: working on fixing and replacement of damage structure								
Ongoing		Ongoing	All	7, 13	City of Oak Forest	High	FEMA Hazard Mitigation Grants	Long-term (depending on funding)
Action O2.2 —Continue to support the county-wide actions identified in this plan.								
Status Description: working the with department and other departments to improve the waterways to pervent flooding								
Ongoing		Ongoing	All	All	City of Oak Forest	Low	General Fund	Short- and long-term
Action O2.3 —Actively participate in the plan maintenance strategy identified in this plan.								
Status Description: working on plan strategy								
Ongoing		Ongoing	All	3, 4, 6	DHSEM City of Oak Forest	Low	General Fund	Short-term
Action O2.4 —Consider participation in incentive-based programs such as the Community Rating System, Tree City, and StormReady.								
Status Description:								
Ongoing		Ongoing	All	3, 4, 5, 6, 7, 9, 10, 11, 13	City of Oak Forest	Low	General Fund	Long-term
Action O2.5 —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: Have programs in place for enforcing an adopted flood damage prevention ordinance, participating in floodplain mapping updates, and providing public assistance and information on floodplain requirements and impacts								
Ongoing		Ongoing	Flooding	4, 6, 9	City of Oak Forest	Low	General Fund	Short-term and ongoing
Action O2.6 —Where feasible, implement a program to record high water marks following high-water events.								
Status Description: no action was taken								
Ongoing		Ongoing	Flooding, Severe Weather	3, 6, 9	City of Oak Forest	Medium	General Fund; FEMA Grant Funds (Public Assistance)	Long-term
Action O2.7 —Integrate the hazard mitigation plan into other plans, programs, or resources that dictate land use or redevelopment.								
Status Description: working with developers								
Ongoing		Ongoing	All	3, 4, 6, 10, 13	Oak Forest Building Department	Low	General Fund	Short-term
Action O2.8 —Seek SAFER, or Assistance to Firefighters Grant funding for fire apparatus.								
Status Description: no action was taken								
		Ongoing	Drought, Extreme Heat, Lightning, High Wind, Tornado, Widespread Power Outage	1	City of Oak Forest	TBD	Grants	Short-term
Action O2.9 —Flood Control Project on Natalie Creek by Metropolitan Water Reclamation District (MWRD), City of Oak Forest, and Village of Midlothian to improve conveyance, stabilize shoreline, and provide additional retention.								
Status Description: Project has been completed								

Ongoing		Ongoing	Flood	2, 3, 7, 8, 9, 13	MWRD	TBD	MWRD	Long-term
Action O2.10 —Partnering with Cook County Department of Transportation and Highways (CDOTH) for 2020-21 culvert replacement and up-sizing of culvert crossings at 151st Street and Boca Rio Drive (Boca Rio Ditch-East Fork of Tinley Creek). Will reduce flooding directly impacting 28 structures.								
Status Description: Working with Cook County to upsize the Culvert construction slated for 2022								
Ongoing		Ongoing	Dam/Levee Failure, Flood	2, 3, 7, 8, 9, 13	City of Oak Forest; CDOTH	TBD	CDOT	Short-term
Action O2.11 —Street flooding at 15200 S. Oak Park Ave.								
Status Description: Working on ideas to prevent the flooding								
Ongoing		Ongoing	Dam/Levee Failure, Flood	2, 3, 12	City of Oak Forest	TBD	TBD	Short-term
Action O2.12 —Participate and assist Illinois Department of Transportation (IDOT) with capital project to replace and up-size IDOT culvert crossing on 147th Street west of Menard (Tributary C) to improve overland flow from the El Vista West subdivision and reduce the incidence of the overtopping of 147th Street.								
Status Description: Project has been completed in 2021								
Completed		Ongoing	Dam/Levee Failure, Flood	2, 3, 7, 8, 9, 13	City of Oak Forest IDOT	TBD	IDOT	Short-term
Action O2.13 —Participate and assist Illinois Department of Transportation (IDOT) with capital projects to replace and up-size IDOT culvert crossings for Midlothian Creek (159th Street and Cicero Ave.).								
Status Description: Project has been completed								
Completed		Ongoing	Dam/Levee Failure, Flood	2, 3, 7, 8, 9, 13	City of Oak Forest; IDOT	TBD	IDOT	Short-term
Action O2.14 —Participate and work with the Illinois State Water Survey (ISWS) to survey and update FEMA FIRM map panel up and downstream of 151st Street and Boca Rio Drive (Boca Rio Ditch-East Fork of Tinley Creek).								
Status Description: This has been completed with updated maps								
Completed		Ongoing	All	2, 3, 8, 13	City of Oak Forest; ISWS	TBD	ISWS	Short-term
Action O2.15 —Provide increased resiliency of first responders radio communication network.								
Status Description: working on upgrading the radios in the department								
Ongoing		Ongoing	All	1, 5	City of Oak Forest	TBD	TBD	Short-term
Action O2.16 —Participate in local and regional Mutual Aid Training Activities.								
Status Description: Training with other Public Works Departments								
Ongoing		Ongoing	All	1, 8	City of Oak Forest	TBD	TBD	Long-term
Action O2.17 —Storm Drainage System Improvement on 151st Street at Boca Rio Ditch in City of Oak Forest. CCDOTH is working with MWRD and City of Oak Forest to replace deteriorating culvert with a larger one which will help to reduce the risk of local flooding.								
Status Description: Working with Cook County to upsize the Culvert construction slated for 2022								
Ongoing		New	Flood	2, 3, 7, 9, 13	CCDOH	\$619,000; Low	MWRD Grant	2020
Action O2.18 —Flood Control along Natalie Creek.								
Status Description: This project has been completed								
Completed		New	Flood	2, 3, 7, 9, 13	MWRD	\$7,629,000; High	TBD	TBD
Action O2.19 —Culvert Upsizing and Channel Improvements on Boca Rio Ditch.								
Status Description: Working with Cook County to upsize the Culvert construction slated for 2022								
Ongoing		New	Flood	2, 3, 7, 9	MWRD	\$619,000; Low	TBD	TBD
(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.